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Fairmont State College Bulletin

CATALOGUE
1949-50

FAIRMONT
STATE COLLEGE

VOLUME LXXXII April 1, 1949 NUMBER 2

CATALOGUE

1949-50

FAIRMONT, WEST VIRGINIA

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Year 1949

JANUARY

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CALENDAR

1949

May 29, Sunday Baccalaureate Exercises
May 30, Monday Commencement Exercises, 10:00 A.M.
June 1, Wednesday Registration for first term, Summer Session
July 4, Monday Independence Day, a holiday
July 12, Tuesday Close of first term, Summer Session
July 13, Wednesday Registration for second term, Summer Session
August 6, Saturday Extra class sessions
August 20, Saturday Close of second term, Summer Session
(Graduation Exercises for those students completing degree requirements as of the end of both summer terms, 10:00 A.M.)
September 12, 13, 14, Monday, Tuesday, Wednesday Orientation and registration of freshmen students
September 14, Wednesday Registration of freshmen students, Registration of evening students, 7:00 P.M.
September 15, Thursday Registration of all other students, 8:00 A.M.
September 16, Friday First class meetings, 8:00 A.M.
November 10, Thursday Midsemester reports due, 4:00 P.M.
November 23, Wednesday Thanksgiving Recess begins, 12:00 Noon
November 28, Monday Classes resume, 8:00 A.M.
December 20, Tuesday Christmas recess begins, 4:00 P.M.

1950

January 4, Wednesday Classes resume, 8:00 A.M.
January 5, Thursday to January 14, Saturday Pre-registration, Second Semester
January 20, Friday to January 27, Friday Final examinations, First Semester
January 25, Wednesday Final meetings, evening classes
January 30, Monday Registration for the Second Semester
February 1, Wednesday Registration for evening classes, 7:00 P.M.
March 31, Friday Midsemester reports due, 4:00 P.M.
April 5, Wednesday Easter Recess begins, 9:30 P.M.
April 12, Wednesday Classes resume, 8:00 A.M.
May 8, Monday to May 16, Tuesday Pre-registration for Summer Session and First Semester Classes
May 19, Friday to May 26, Friday Final examinations, Second Semester
May 24, Wednesday Final meetings, evening classes, Second Semester
May 28, Sunday Baccalaureate Exercises
May 29, Monday Commencement Exercises, 10:00 A.M.
May 31, Wednesday to August 19 Saturday Summer Session, 1950

This calendar is subject to change without notice.

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

THE STATE BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
Mason Crickard, *President, Charleston*	1956
Lawrence R. Lynch, *Vice President, Clarksburg*	1950
Robert D. Bailey, *Pineville*	1957
Mrs. Thelma B. Loudin, *Fairmont*	1955
Ross Tuckwiller, *Lewisburg*	1954
W. H. Nelson, *Beckley*	1953
Raymond Brewster, *Huntington*	1952
Brooks Cottle, *Morgantown*	1951
Garland I. Dunn, *Martinsburg*	1949
W. W. Trent, *Superintendent, member ex-officio, Charleston*	1953
H. K. Baer, *Secretary, Charleston*	

FAIRMONT STATE COLLEGE

The Administrative Staff

GEORGE H. HAND, PH.D., *President*
JOHN W. PENCE, A.M., *Dean of the College; Director, Summer Session*
ETHEL ICE, A.M., *Registrar, Director of Admissions*
ELEANOR R. BAYLEY, A.M., *Dean of Women; Director, Student Personnel*
GEORGE H. TURLEY, A.M., *Dean of Men; Veterans' Coordinator*
HAROLD D. JONES, A.M., *Librarian*
CLIFFORD R. HOUSE, JR., ED.M., *Director of Public Relations*
HARRY C. FLEMING, M.D., *College Physician*
JAMES A. GEESEY, A.B., *Business Manager*
EDNA I. MILLER, A.M., *Director of Food Service*
WINNIE DAVIS CRENSHAW, A.M., *Director, Morrow Hall; Assistant Dean of Women*
MERTON M. MOURMAN, B.S., *Superintendent of Buildings and Grounds*

The Administrative Assistants

ELIZABETH C. AMOS, *Clerk. Cashier's Office*
MARY CATHERINE BOCK, *Secretary to the President*
BERNARD B. BROOKOVER, B.S., *Outside Foreman*
VIOLET FORCHI, *Clerk, Library*
MILDRED NAUMIK GLOVER, *Secretary, Student Personnel Office*
RUTH HAWKINS, A.B., *Cashier*
ANNE HOLBERT, A.B., *Manager, College Bookstore*
MARY JEANNE KEIGER, A.B., *Assistant Librarian*
ANNE BLAIR MORGAN, A.B., *Assistant to the Registrar*
MARY JO OLDHAM, B.S., *Information Clerk*
HELEN POWELL, A.B., *Dietitian, Cafeteria*
MILDRED F. RADFORD, R.N., *College Nurse*
MARY FREEMAN REXROAD, A.B., *Clerk, Cashier's Office*
EUGENE ROGERS, *Inside Foreman*
KATHARYN ELAINE SMITH, A.B., *Clerk, Registrar's Office*
BARBARA JEAN WATKINS, B.S., *Clerk, Registrar's Office*

Administrative Office Hours

Daily, except Saturday, 8:00 A.M. to 4:00 P.M.
Saturday, 8:00 A.M. to 12:00 M

THE STAFF OF INSTRUCTION

ERIC BARNITZ, *Chairman, Sociology* (1947)*
A.M. Yale University.

ANNE M. BARRY, *Physical Education and Health* (1946)
A.B. Fairmont State College; A.M. West Virginia University.

ELEANOR R. BAYLEY, *Education* (1946)
B.S., University of Vermont; A.M. Syracuse University.

HAYDEN M. CARMICHAEL, *Industrial Arts* (1948)
B.S. in Ed., Moorehead State Teachers College; M.S.I.E., Stout Intsitute.

ROBERT LEON CARROLL, *Chairman Physics* (1946)
A.B. Fairmont State College; M.S., PhD. West Virginia University.

JASPER H. COLEBANK, *Chairman, Physical Education and Health* (Men) (1924)
A.B. Fairmont State College.

EDMUND COLLINS, *Education* (1949)
A.B., A.M., West Virginia University.

EVA DAY COMPTON, *Chairman, Home Economics* (1921)
B.S. West Virginia University; A.M. Teachers College, Columbia University.

WINNIE DAVIS CRENSHAW, *Psychology* (1947)
A.B. Grenada College; A.M. University of Mississippi; A.M. Columbia University.

JOANN C. CROSS, *French* (1946)
A.B., A.M. West Virginia University

BESSIE K. CRYSTAL, *History* (1929)
B.S. Kirksville State Teachers College; A.M. University of Missouri.

ARTHUR PAUL DAVISSON, *Chairman, Biology* (1943-44; 1947)
B.S. University of Kentucky; A.B. Fairmont State College; M.S. West Virginia University.

NORMAN HECKER DONHAM, *Music* (1946)
Artist's Diploma. West Virginia University.

ALFRED GLENN EVANS, *Chairman, Health* (1948)
M.D., M.P.H. Yale University.

JOHN THOMAS EVANS, *Chairman, Music* (1940)
A.B. Fairmont State College; Mus.B., Mus.M. West Virginia University.

ELEANOR M. FORD, *Mathematics* (1946)
B.S., M.S. West Virginia University.

ERNEST FREED, *Chairman, Art* (1941-45; 1946)
B.S., B.F.A. University of Illinois; A.M. University of Iowa.

BURTON L. FRYXELL, *Chairman, English* (1947)
A.B., A.M., Ph.D. University of Wisconsin.

ALBERT R. GRECO, *Music* (1948)
Mus.B., West Virginia University; Mus.M., Cincinnati Conservatory of Music.

CLEO D. HAUGHT, *Chemistry* (1925)
A.B. West Virginia Wesleyan College; A.M. Ohio State University.

LOUISE HITCHCOCK, *Chairman, Retailing* (1946)
A.B. Wellesley College; M.S. New York University.

CLIFFORD R. HOUSE, JR., *Chairman, Journalism* (1947)
A.B. Kentucky Wesleyan College; M.Ed. University of Cincinnati.

BOYD DAVIS HOWARD, *Chairman, Education* (1948)
A.B., Union College; A.M., Ed.D., University of Cincinnati.

MARJORIE HUNSINGER, *Chairman, Office Administration* (1946)
A.B. Ohio Wesleyan University; A.M. Columbia University; Ph.D. University of Pittsburgh.

*The date in parentheses indicates the year of initial appointment.

GEORGE R. HUNT, *Chairman, Zoology* (1931).
PhB. Denison University; A.M. West Virginia University; Ph.D. University of Pittsburgh.

ETHEL ICE, *German* (1912)
A.B. West Virginia University; A.M. Teachers College, Columbia University; Institute for Registrars, University of Kentucky.

EDGAR N. JAYNES, *Chairman, Business and Economics* (1947)
A.B. West Virginia University; MBA. Boston University.

CYRIL W. JOHNSON, *Chairman, Industrial Arts* (1947)
B.S. Stout Institute; A.M. Ohio State University.

HAROLD D. JONES, *Chairman, Library Science* (1947)
A.B. Swarthmore College; B.S., L.S. Drexel Institute; A.M. University of Pennsylvania.

REGIS J. LARKIN, *Office Administration* (1947)
B.S., M.Ed. University of Pittsburgh.

ALTON FORREST RAYMOND LAWRENCE, *Chairman, Political Science* (1946)
A.B. Drake University; M.A., J.D. State University of Iowa.

ROBERT GEORGE LAYER, *Business and Economics* (S-1947;1948)
A.B., Ohio Wesleyan University; A.M., Harvard University.

CHARLES A. LINDLEY, *Chairman, History* (1929)
A.B. Indiana University; A.M. Clark University; PhD. University of Pennsylvania.

DOROTHY FOWKES LUCKER, *English* (1948)
A.B., University of Texas; A.M., Columbus University; PhD., University of Texas.

JANE RANDLE MCKELVEY, *Botany* (1948)
B.S., M.S., Bucknell University.

EDNA I. MILLER, *Home Economics* (1929)
B.S. Bradley Polytechnic Institute; A.M. Columbia University.

**NORMAN C. MOHN, *Music* (1947)
B.S. Duquesne University; A.M. Carnegie Institute of Technology.

RUTH ANN MUSICK, *Mathematics* (1946)
B.S. Kirksville State Teachers College; M.S., PhD. University of Iowa.

PAUL F. OPP, *English* (1923)
A.B. Mount Union College; A.M. Columbia University; PdD. University of Toronto.

JOHN W. PENCE, *Political Science* (1926)
A.B., A.M. Oberlin College.

WOODROW ARTHUR POTESTA, *Business and Economics* (1948)
B.S., L.L.B., West Virginia University.

MARY B. PRICE, *Music* (1925)
Graduate, School of Music, West Virginia University; Music Supervisor's Diploma, Cornell University.

HADDON S. RHODES, *English* (1931)
A.B. Fairmont State College; A.M. West Virginia University.

JEAN E. RICHMOND, *Home Economics* (1940)
A.B. University of Illinois; A.M. University of Iowa.

CHARLES MOORE ROBERTS, *Botany* (1926)
B.S., M.S. Pennsylvania State College.

SPAULDING ROGERS, *Chairman, Psychology* (1947)
A.B. University of Rochester; PhD., Columbia University.

FRIDTJOF SCHRODER, *Art* (1947)
A.B. Luther College; A.M. University of Iowa.

HERMAN ARTHUR SHUTTS, *Chairman, Mathematics* (1930)
A.B. Fairmont State College; A.M. West Virginia University.

**Absent on leave, 1948-49.

ELIZABETH C. SWIGER, *Mathematics* (1948)
B.S., West Virginia University.
MARJORIE TATE, *English* (1926)
B.S. in Ed. Central Missouri Teachers College; A.M. George Peabody College for Teachers.
HAROLD NORMAN TAYLOR, *History* (1948)
A.B., A.M., University of Iowa.
JOHN MARTIN TAYLOR, *Education* (1946)
A.B. Fairmont State College; A.M. West Virginia University.
ELIZABETH TERRY, *Chairman, Latin and Spanish* (1941)
A.B. Marietta College; A.M. University of Wisconsin.
GEORGE H. TURLEY, *Speech and Dramatics* (1941)
A.B. Fairmont State College; A.M. West Virginia University.
LAWRENCE A. WALLMAN, *Chairman, Speech and Dramatics* (1929)
A.B., A.M. West Virginia University.
NELLE E. WALTERS, *Chairman, Physical Education and Health* (Women) (1947)
A.B. West Virginia University; A.M. Peabody College.
RALEIGH P. WARD, *Chairman, Chemistry* (1932)
A.B., MSc., Ph.D. Ohio State University.
JERRY J. WEST, *Speech and Dramatics* (1948)
A.B., Fairmont State College; A.M., West Virginia University.
WILFORD R. WILSON, *Physical Education and Health* (1939)
A.B. Fairmont State College; A.M. Teachers College, Columbia University.
KENNETH G. WISE, *Industrial Arts* (1948)
B.S., M.A., Ohio State University.
NORBERT JAMES ZEIMES, *Retailing* (1948)
B.A., St. John's University; M.A., University of Minnesota.

JAYENNE LABORATORY SCHOOL

MERTON V. GIVENS, *Principal*
A.B. Fairmont State College; A.M. West Virginia University.
GERALDINE WILDMAN, *First Grade*
A.B. Fairmont State College.
RUTH E. ONEY, *Second Grade*
A.B. Fairmont State College; A.M. West Virginia University.
OLENE S. CROUSER, *Third Grade*
A.B. Fairmont State College.
RUTH WILDERMAN, *Fourth Grade*
A.B. Fairmont State College.
HELEN JANES CROWE, *Fifth Grade*
A.B. Fairmont State College.
GENE CARPENTER, *Sixth Grade*
A.B. Bethany College.

RETIRED STAFF MEMBERS

JOSEPH ROSIER, *President Emeritus*
P.Pd., A.M. Salem College; L.L.D., Marshall College.
VIRGINIA GASKILL, *Home Economics*
Household Arts Diploma, Mechanics Institute; B.S., A.M., Columbia University.
MARY BLANCHE GIBSON, *Education*
A.B., West Virginia University; A.M., Teachers College, Columbia University.
FRANK HALL, *Education*
B.S. West Virginia University; A.M., Teachers College, Columbia University.
MAUD M. HULL, *Education*
A.B., West Virginia University; A.M., Teachers College, Columbia University.
LAURA F. LEWIS, *English*
A.B., West Virginia University; A.M., Columbia University.
E. L. LIVELY, *Sociology*
B.S., West Virginia University; A.M., Ohio State University.
M. E. MCCARTY, *Mathematics*
A.B., A.M., University of Michigan.
MAHALA DORCAS PRICHARD, *History*
A.B., West Virginia University; A.M., Teachers College, Columbia University.
HAROLD F. ROGERS, *Chemistry*
A.B., West Virginia University; A.M., Harvard University.
FRANCIS SHREVE, *Education*
A.B., West Virginia University; A.M., Ohio State University; Ph.D., George Peabody College for Teachers.
OLIVER SHURTLEFF, *English*
A.B., A.M., West Virginia University.
FRANK S. WHITE, *Education*
A.B., University of Pittsburgh; A.M., George Peabody College for Teachers.

FACULTY COMMITTEES

ATHLETICS—Lindley, Chairman; Carmichael, Colebank, Jaynes, Larkin, Walters, Wilson, Haught
CLASSIFICATION AND CREDITS—Ice, Chairman; J. Evans, Johnson, Pence, Rhodes, M. Taylor
COMMENCEMENT—Ward, Chairman; Compton, Ford, Greco, Lucker, Miller, Roberts, Zeimes
CURRICULUM—Pence, Chairman; Fryxell, Howard, Hunt, Ice, Jaynes, Jones, Rogers
LIBRARY—Jones, Chairman; Cross, Lawrence, Opp, Price, Schroder, Shutts, Tate, Taylor, Norman
LIBRARY BUILDING—Jones, Chairman; Barnitz, Davisson, Freed, Fryxell, Hand, J. Haugh, Lawrence, Mohrman, Wise
POLICY—Hand, Chairman; Bayley, Geesey, J. Haugh, House, Hunt, Ice, Jones, Larkin, Pence, Turley
PROGRAMS—Fryxell, Chairman; Davisson, J. Evans, Freed, Jones, Lawrence, Wallman, Walters, Students (Number by Council)
PUBLICATIONS AND RADIO—Turley, Chairman; Hitchcock, House, Hunsinger, Musick, Pence, Wallman, West
SOCIAL—Bayley, Hitchcock, Turley
STUDENT BUDGET—Geesey, Chairman; Bayley, Layer, Potesta, Turley
STUDENT COUNCIL—Bayley, Turley
STUDENT PERSONNEL—Bayley, Chairman; Crenshaw, House, Howard, Hunt, Pence, Turley

GENERAL INFORMATION

LOCATION

Fairmont State College is located in Fairmont, one of the half-dozen largest cities in West Virginia. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving community. It is served by two railways, several bus lines and by Highways 19, 31, 73 and 250. It is the operating headquarters and home of a number of large coal, utility and manufacturing concerns. It possesses the cultural and economic advantages which are usually found in modern cities.

PURPOSES

Fairmont State College exists to provide higher education for the young men and women of West Virginia.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has successively occupied sites at the head of Adams Street (Newspaper Building), at Second and Fairmont Avenues on the site of the present United States Post Office, and since 1917 in its present location.

Fairmont State College claims to be the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examination. In 1924, Fairmont granted its first bachelor's degrees in education on the basis of the completion of a four year college course. In 1931, the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. This title was again changed by the Legislature of 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the City of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

Auditorium facilities, capable of seating 500 persons are located in one wing of the Administration Building. Here dramatic productions. concerts, assemblies and other important campus activities are carried on.

Library reading and stack rooms are located in the other wing of the Administration Building. The Library contains a well-balanced collection of books on subjects covered by the curricula, important books for general information, books for leisure reading, and an excellent reference collection of the standard general and special works. There are over 32,000 volumes, exclusive of government documents, for which the Library is an approved depositary. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several departments and organizations.

Science Hall is a large, light brick building housing the departments of Natural and Biological Sciences and Home Economics.

Colebank Gymnasium is one of the newest campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the varied activities of the Physical Education Departments, and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is the newest of the principal buildings on the campus. It is a single story frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings each 60'x25'. The building is so constructed that in the very near future it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field, including automotive instruction.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Adjacent are six tennis courts.

Quonset Studio, designated as "Studio D," is available for instruction in ceramics and sculpturing.

Veteran's housing units, nine in number, are located on the campus conveniently adjacent to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 64 single men, 18 married men without children, and 6 married men with children.

New buildings, to be constructed as soon as conditions permit, include a President's home, a Home Economics Demonstration House, and a Library Building. An extensive series of campus walks and driveways is being constructed at this time.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of Colleges for Teacher Education, and is a member of the Association of American Colleges and the American Council on Education. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit and 128 quality points are required. As a detail of this quality point requirement, as many quality points as hours must be earned in each major and minor subject or teaching field.

Beginning with the June, 1950, Commencement, no student shall be awarded more than one baccalaureate degree, irrespective of the nature and number of courses he shall have taken.

ADMISSIONS

Admission to Fairmont State College may be obtained in one of three ways:

1. By a certificate of graduation and credit properly certified from a first class high school.

2. By properly certified transcript of credit and statement of good standing from a standard college or university.

3. By examination.

These three methods are described in detail below:

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Students entering Fairmont State College from colleges and universities must have sent to the Registrar an official transcript of credit and a statement of honorable dismissal from the institution last attended.

A transcript to be official must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper officials. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits and the

grade. A transcript when accepted becomes the permanent property of the college and will not be returned to the student

Examination for Entrance: Veterans of World War II who have not graduated from high school will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

Examination for Advanced Standing: Veterans of World War II may take General Educational Development tests on the college level for advanced standing.

No credit of collegiate grade will be allowed for work done in the former normal training high schools, except as authorized by the West Virginia State Board of Education. By action of the board five-eighths college credit may be allowed for such work up to a maximum of twenty (20) hours.

Exceptions to the regulations on admissions:

1. A mature student who is twenty-one years old or older may enter Fairmont State College without meeting the entrance requirements as a special student, but he must meet entrance requirements before he can be granted a degree or be recommended for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

Prior to registration day an official transcript of credit should be filed in the Office of the Registrar for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. (See college calendar for dates). Students who register after the dates specified will have a late registration fee of two dollars added to the regular fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several faculty advisers until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

Final registration is conducted on the main floor of Colebank Gymnasium during the hours from 8:00 to 12:00 Noon and from 1:00 P.M. to 4:00 P.M.

Pre-registration opportunities for students in residence will be given as follows: for the 1949 Summer Session and the first semester of the 1949-50 college year during the May 9-17 period; for the second semester of the same college year during the January 5-14 period. Students are expected to contact their advisers for pre-registration in these periods. This should be done if the student has any expectation of entering the ensuing semester. Students failing to pre-register will lay themselves open to a penalty fee of two dollars.

SEMESTER HOURS — DEFINITION

The semester hour is the basis of college credit within the institution. A semester hour is the credit received for taking a subject one hour per week for one semester or eighteen weeks.

Laboratory courses require two periods per week for eighteen weeks for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
E—Condition, indicates unsatisfactory work; and the grade cannot be higher than D if condition is removed. Grade of E must be made up within one year of residence or it becomes F.
F—Failure, signifies entirely unsatisfactory work. Course must be repeated if credit is to be received.
FIW—Failure because of irregular withdrawal. (See Page 20).
I—Incomplete, given to students who miss some of the last exercises of the class work because of illness, or some other equally good reason. When the work missed is done satisfactorily the final grade may be any one of the four passing grades. If the deficiency represented by I is not made up within a year of residence the grade I automatically becomes F.
WP—Withdrew Passing, from one class or from college.
WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.
Candidates for graduation must have at least as many quality points as semester hours to their credit.

Quality points for grades A, B, C, D, are computed as follows:
A—Three (3) quality points for each semester hour of credit.
B—Two (2) quality points for each semester hour of credit.
C—One (1) quality point for each semester hour of credit.
D—No (0) quality points for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

CLASSIFICATION OF STUDENTS

Students who have completed not less than eighty-eight hours of college work are classified as seniors.

Students who have completed not less than fifty-six hours and not more than eighty-seven hours of college work are classified as juniors.

Students who have completed not less than twenty-four hours and not more than fifty-five hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than twenty-three hours of college work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen. Courses 200-299 are for sophomores. Courses 300-399 are for juniors. Courses 400-499 are for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned as much as sixteen semester hours, but not more, except by special permission of his adviser or the Committee on Classification and Credits. An adviser may not give permission for more than seventeen hours. Two laboratory hours shall count as one semester hour.

2. Schedule Changes: When a student has received his assignment, he cannot change it except by permission of his adviser. Any change made, at the student's request, later than the first full week of the regular semester will involve payment of a $1.00 fee. After three weeks of the semester have passed, permission to change a schedule must be obtained from the Committee on Classification and Credits, and the fee for schedule changes must be paid.

A course officially dropped within the first third of a semester or term will not be recorded on the student's permanent record card. A course dropped later in the semester or term will be recorded on his record card with the grade of WP or WF.

After the middle of the semester or term, no drop slips will be issued except for students who withdraw from college.

3. Late Registration Load: If a student enters late, his load in semester hours will be reduced in proportion to the time he is late; and to receive credit

for eighteen weeks' work in any subject assigned, he must pass satisfactorily an examination on all work covered by the class up to the time of his entering. In laboratory subjects all "make-up" work must be done hour for hour in the laboratory.

4. Withdrawal from the College. A student desiring to withdraw from the College should apply at the Registrar's Office. Here forms may be obtained, which when completed and deposited with the Cashier's Office, the Student Personnel Office, and the Registrar's Office will constitute official withdrawal. The instructor records a W on his class record followed by the date of last class attendance: thus, W 3-14-45. In case such drop notice is issued later than one calendar month after the date for the first class meetings in the semester, the W will also be accompanied by a grade to show the quality of the student's work up to the time of the last attendance: thus, WP 3-9-46, passing, or WF 3-2-46, failing. Such grades can be used as part of the student's record for the semester in determining his eligibility for enrollment the following semester.

Students who withdraw from the College without permission will receive at the end of the semester a grade of FIW (failure because of irregular withdrawal) in each subject for which they are registered.

5. Probation: A regular student failing to pass as much as one-half of his scheduled load in a semester or term may enroll for the following semester or term on probation by obtaining permission of the Committee on Admissions.

6. Minimum Residence Requirements for Graduation: For each degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than thirty weeks' work in residence with not less than thirty hours credit.

Exception is made in the cases of those students who have completed three years of required work in Fairmont State College and who wish to complete the senior year in some approved college of law or medicine.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

GRADUATION WITH HONOR

Candidates for graduation who have achieved special distinction in academic work are recognized at Commencement by having printed on their diplomas, first, second, or third honors as determined by quality points: Highest honor (2.75 and above); High honor (2.5 to 2.74); Honor (2.0 to 2.49). Honors at Commencement are based upon the entire scholastic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged.

A student who defaults in the payment of any college dues or loans forfeits his right to claim a transcript.

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names.

All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit.

No record is kept of the work and attendance of students admitted to the classes as auditors, and no credit is given for their work in such classes.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar, and upon payment of a small fee.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course. The attention of veterans is called to the fact that a complete report of absences is required periodically by the Veterans' Administration.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers as of the middle of each semester. These reports, unless there are special reasons, are not mailed to the student's home address. Final reports, prepared by the Registrar's office, are mailed to the student's home address at the close of each semester or term.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Registrar's Office. All tests are administered by the College Testing Service.

Application must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an ap-

plicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination, otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

FEES

All registration fees are payable on the day of registration.

Students leaving college should check with the Cashier's office to see if all fee payments have been adjusted. If all fees have been paid, those withdrawing before the end of the first week may obtain a refund of all refundable fees; those withdrawing before the end of the second week may obtain a refund of three-fourths; those withdrawing before the end of the third week may obtain a refund of one-half; and those withdrawing before the end of the fourth week may obtain a refund of one-fourth. No part of the fees may be refunded in case of withdrawal after the end of the first four weeks of the regular session. Application for refunds must be made to the Cashier of the College at the time of the student's withdrawal.

If all fees have not been paid, the amount due the College will be considered due and payable in accordance with the above schedule, and any amount paid in excess of the amount due will be refunded.

If regular withdrawal becomes necessary in either summer term and all fees have been paid, one-half of the refundable fees will be refunded in the first week. No refunds are allowable after the first week. If all fees have not been paid, and withdrawal takes place in the first week, one-half of the total refundable amount due the College must be paid. Any amount paid in excess of the amount due will be refunded.

All fees which pertain to an entire period, that is, a semester or six week term, are considered refundable.

Regular enrollment (more than six hours)

Registration Fees

	W. Va. Residents*	Non-Residents*
State enrollment fee (Per semester)	$25.00	$100.00
Student activity fee (Per semester)	10.00	10.00

Summer Session Enrollment

One term only	20.00	33.33
First and second terms	30.00**	66.66
Student activity fee (Payable one term only)	2.00	2.00

*Definition of residence from the minutes of the State Board of Education, March 13, 1936:

> "The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."
>
> Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute

citizenship within said state for the purpose of establishing residence under this provision.

"A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student.

**In order to avail themselves of the $10.00 resident fee for the second term, students must have attended the first term.

Laboratory Fees

Art 111, 113, 114, 116, 117, 118, 119, 121, 122, 211, 213, 214, 215, 216, 217, 218, 219, 221, 222, 224, 305, 309, 313, 315, 316, 317, 318, 319, 320, 321, 322, 323, 416, 417, 418, 419, 421, 422, 427, 428, 432, 433	$ 1.00
Biology 101, 102, 104, 105	1.00
Botany 101, 102, 103, 122, 124N, 230, 240, 310, 324, 330, 340, 371, 400, 411, 415	1.00
361	3.00
Chemistry 101, 102, 107N, 201, 240, 241	2.00
301, 303	3.00
Engineering 113	1.00
Geology 201, 202	1.00
History 311	15.00
Home Economics 201, 202, 302	2.00
Industrial Arts 101, 120, 122, 134, 202, 212, 220, 222, 234, 304, 305, 312, 314, 320, 334, 345, 346, 434	7.50
104, 404	5.00
110, 112, 230	4.00
130	3.50
342, 350, 442, 450, 462	3.00
140, 242, 303, 340	1.00
Physics 101, 103, 210, 211	3.00
310, 311	5.00
Retailing 305	2.50
Speech 105	1.00
Zoology 110N, 103, 310, 320, 321, 350, 380, 450	1.00
410, 420	2.00

Music Fees

Piano or Voice Lessons (One lesson per week-18 weeks)	$ 25.00
Instrumental Lessons (One lesson per week-18 weeks)	25.00

Special Fees

Late registration fee	$ 2.00
Fee for failure to pre-register (Resident students only)	2.00

Diploma fee		3.00
Fee for rental of cap and gown		.75
Freshman orientation fee		1.00
Change of schedule fee (made later than first full week)		1.00
Transcript fee (First transcript is furnished free)		1.00
Special Examinations for Course Credit (each)		3.00

Special Enrollment Fees (Six hours or less)

Special students	Per semester hour	5.00
Extension classes	Per semester hour	7.50
Auditing fee	Per course	5.00

STUDENT WELFARE

STUDENT PERSONNEL OFFICES AND SERVICES

Through the Student Personnel Office, Room 212A, administered by the Dean of Women and the Dean of Men, the College offers many services to all its students. These services include housing for men and women, counseling and testing, part-time employment, placement of graduates, freshmen orientation, a faculty adviser system, and administration of existing student loan funds and scholarships.

HOUSING FOR WOMEN

Morrow Hall provides rooms for women students on the campus. This is a lovely dormitory completely equipped. Each of the rooms provides space for two persons. Meals are served in the dormitory dining room. Laundry facilities for student use are provided. Students furnish their own linens.

A room deposit of $10.00 must be paid to reserve a room in Morrow Hall. This deposit will be returned at the end of the semester or college year less deductions for any damages to Morrow Hall property. Reservations should be made at an early date by writing the Dean of Women. Make checks covering **the required deposit payable to Fairmont State College. During the regular** eighteen week semester, rooms may be had at Morrow Hall for **$36.00 or $45.00, the rent varying according to the desirability of the rooms. Rooms are not rented** for less than a full semester.

Board at Morrow Hall is at the rate of **$135.00 per semester. Board and** room must be paid at least four weeks in advance. **Business conditions may require changes in room and board rates.**

A file of approved homes near the College offering rooms for rent to women students is maintained in the Dean of Women's office. Women planning to room off the campus should write the Dean of Women as early as possible for the names of approved householders.

HOUSING FOR MEN

Veterans' housing units located on the campus provide rooms for single veterans, also a limited number of units are available for married veterans. These units are completely furnished. Further information may be obtained by writing the Dean of Men.

A file of other approved housing facilities for single and married men is maintained in the Dean of Men's office. Reservations for rooms off the campus are not made by the College. Names of householders may be obtained by writing the Dean of Men.

COUNSELING AND TESTING SERVICE

Complete testing facilities are available for those seeking personal, academic, or vocational guidance. Also a file of vocational information is maintained for the use of students and for counseling purposes.

PART-TIME EMPLOYMENT

A registry of part-time jobs, available both on and off campus, is maintained by the Student Personnel Director. On the college campus students find employment in such jobs as clerical assistant, library assistant, instructor's assistant, kitchen and dining room work, groundkeeping, and other similar activities. Under present pay schedules, students are paid fifty cents per hour for all part-time employment on the campus.

PLACEMENT SERVICE

This service is available to all persons graduating from the College, or who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni, who hold degrees or certificates, are welcome to register. Assistance in placements in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upper class students. During a three day period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, traditions of the "Hill", and take part in many social events. Also they are given several standard tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes, in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. If the student has decided upon his major field of study, the chairman of that department, or some other member of the staff of the department, will be the student's adviser, and will remain his adviser throughout that student's college career. If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Mid-semester grade reports are given out to students by their advisers.

STUDENT LOAN FUNDS

Student loan funds, now totaling approximately $2.200.00, are available for student use. These funds are drawn from the Louise West Hite Fund, the Student Loan Fund, and the American Association of University Women Fund. As a general rule, interest at the rate of four per cent is charged

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for loans from these funds, and all loans are repayable within one year after graduation or withdrawal from college.

There are numerous scholarships and fellowships available for graduating seniors in other colleges and universities. Those students interested in doing graduate work under the terms of such grants should contact the Student Personnel Director for further information.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

SERVICE TO VETERANS

Fairmont State College is prepared to meet the needs of returning service men and women. The office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans' requests for information should be addressed to the Veterans' Coordinator at the College.

HEALTH SERVICE

All students entering Fairmont State College for the first time are required to have a health examination. Appointments for this examination should be made with the Health Service at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations, on the part of the student, will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he will be assigned to this training.

Facilities for rest during the day are available for students who wish to use them.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days, from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria, located on the first floor of the Administration Building, is open for service every day of the week with the exception of

Sunday. Here excellent meals may be obtained at cost. Special rates are available for weekly service. The "Big Nickel," a snack bar, is operated in the Student Lounge.

BOOKS AND SUPPLIES

Textbooks, drawing materials, notebook paper, and other supplies, are purchasable at the College Bookstore located in Room 210A, Administration Building. Veterans may charge the books and supplies they buy to their official accounts.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The **Student Body** is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities, and entitles the student to attend all athletic contests, major dramatic productions, and other special feature programs.

The **Student Council** is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the nonfraternity group, and one faculty representative appointed by the President of Fairmont State College.

The **Student-Faculty Social Cabinet** is composed of representatives of these two groups under the chairmanship of the Vice-president of the Student Council. The campus social program for the school year is arranged through this cabinet.

The **Inter-Fraternity Council** coordinates the activities of the Men's and Women's Pan-Hellenic Associations.

Class organizations are set up for each of the several academic class groups. Each class elects its own officers, and carries on such activities as the group concerned desires. The officers of the freshman class are elected at the beginning of the school year after enrollment, officers of the other classes are elected in the general elections held near the end of the preceding school year.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Buenos Vecinos
(Spanish)
Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Masquers Club
(Dramatics)
Splashers Club
Women's Athletic Association

Honoraries

Alpha Psi Omega
(Dramatics)
Blazers (Senior Women's Honorary)
Kappa Delta Pi
(Education)
Lambda Alpha Sigma
(Lettermen)
Lambda Delta Lambda
(Physical Science)
Pi Gamma Mu
(Social Science)
Pi Upsilon Phi
(Journalism)
Sigma Pi Rho
(Latin)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintain a number of social organizations. A listing of the currently active organizations of this character follows:

Fraternities	Sororities
Kappa Sigma Kappa (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Sigma Epsilon (National)
Tau Beta Iota	Gamma Chi Chi
Zeta Sigma	Pi Kappa Sigma (National)
	Sigma Sigma Sigma (National)

RELIGIOUS ORGANIZATIONS

The Fairmont College Christian Fellowship was organized during the 1947-48 college year. This organization replaces a number of earlier organizations of a similar character on the campus. The new organization seeks to promote activities of a religious nature among the students.

PUBLICATIONS

THE COLUMNS is the student newspaper published every two weeks during the school year. The Publication Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism, or who have had practical experience on publications. The Columns was named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is the year book published annually by the students. The administrative officers of the staff are elected by the Student Body. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spot on a former campus site. It is financed from student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont State College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college. Humor magazines also are published occasionally under the sponsorship of the Student Body.

Bulletins, both daily and weekly, are posted on bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty pieces. This organization is open to both men and women. Tryouts will be held at various times throughout the year.

The Fairmont State College Orchestra is maintained for those students interested in this type of ensemble. Students who play orchestral instruments are urged to contact the director for entrance tryouts. The orchestra performs at plays and various other school activities where such an organization is desirable.

The Women's Choral Club is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. Open to all women who can do part singing.

The Fairmont State College-Community Male Chorus is composed of men from the College and community interested in chorus singing. Men interested in participating in this activity are urged to contact the Director for tryouts and placement.

INTERCOLLEGIATE DEBATING

Fairmont State College sponsors debate teams each year. The teams debate traditional West Virginia rivals and take part in the annual State Speech Festival which is held in the spring of each year. The debate teams have traveled widely in the tri-state area, and have, occasionally, made some more extensive trips. Debating is especially profitable to those students interested in pre-law work, political science, business and economics, history and current affairs. All students are welcome to try out for this activity.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize (See below).

CONTESTS

The Frank C. Haymond Constitutional Prize Contest.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25.00. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length, and are due on or before April 15th in each school year. Apply to chairman of Political Science Department.

The M. M. Neely Oration Contest.

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the College. A faculty committee is in charge of this contest. Apply to chairman of the Speech and Dramatics Department.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two major plays are produced each year. Tryouts are open to all students and everyone has equal opportunity to participate in dramatic activities. The Masquers, a dramatic club. is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

Several children's plays are produced each year, and numerous one-act plays give new students ample opportunity to show their talents. Each year a one-act play is sent to the Dramatic Festival of the West Virginia Intercollegiate Speech Association held at the various colleges of the state.

CAMPUS HIGHLIGHTS

Campus Highlights, the weekly radio program of Fairmont State College, has been a regular feature of Station WMMN for twenty years. The wide variety of programs presented during the school year includes variety shows, sports, drama, music, news commentary, and forums. These programs are for the most part student productions. They provide a means for the practical application of techniques learned in the several radio classes offered. Any regularly enrolled student may audition for radio work. The opportunity to do professional caliber radio work through the Campus Highlights program is of great value to students who have ambitions to "go on the air".

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

Arrangements provide for weekly assembly periods. At these times business matters affecting the entire student body will be presented, and programs, planned for their educational and entertainment value, will be given by student and outside groups. Persons desiring to sponsor any of these assembly programs should contact the Chairman, Program Committee, as early as possible.

Under the direction of the Program Committee a beginning was made in the 1947-48 college year toward building up a broadly cultural program of activities for the benefit of student body and community. It is expected that this program will be greatly extended. Included in the program are concerts, motion picture productions, dramatic productions by outside professional groups, and other features.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, and tennis. A new cinder track is being added to the unusually fine indoor and outdoor physical educational and re-

creational equipment available at Fairmont State College. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of both men and women students. Teams are organized for competitive play among various groups and organizations. The pool is open for recreational swimming at certain times, and other facilities for individual and group recreation are available. The Women's Athletic Association directs the intramural program for women, and staff members direct the men's program.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the College. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

A special effort is made to have the alumni attend, in large numbers, one of the football and one of the basketball games played each season, and a luncheon is usually held in connection with Commencement festivities. Additional alumni activities are scheduled occasionally.

Officers serving in the 1947-48 period are Irving L. Smith. President; Edgar Lane Bryan, Vice President; and Mrs. Myra G. Morgan Secretary-Treasurer.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following:

Who's Who Among Students in American Universities and Colleges is awarded to seniors and juniors who have contributed to the college in an outstanding manner. The biography of these students is printed annually.

Edna Earl Lowe Memorial Award, in the amount of $20.00, is offered by the American Association of University Women each year to the most worthy graduating senior girl. This award is given in memory of Mrs. Lowe.

The Blazers is an honorary organization for outstanding senior women who have academic standing as well as extra-curricular achievements.

Four Outstanding Seniors, both men and women, are chosen by vote of the faculty each year.

Athletic letters and awards are made for achievement in activities of this nature.

Many other students are recognized for exceptional work in various departments of the College, including Journalism, Dramatics, and others.

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

GENERAL INFORMATION

The requirements for the Bachelor of Arts and the Bachelor of Science degrees differ chiefly in the choice of major fields, although the selection of courses in these fields may also determine the degree to be earned. The degrees and the majors offered are as follows:

Bachelor of Arts Degree	Bachelor of Science Degree
Art	Botany
Economics	Business
English	Chemistry
History	Geography and Geology
Home Economics	Health
Journalism	Home Economics
Latin	Industrial Arts
Mathematics	Mathematics
Music	Office Administration
Political Science	Physical Education
Psychology	Physics
Sociology	Retailing
Spanish	Zoology
Speech and Dramatics	

Candidates for either of the two degrees listed above must have 128 semester hours of credit and 128 quality points as a minimum requirement for graduation. Fifty hours of the requirement must be earned in courses numbered within the 300-499 levels. Believing in the principle of general education upon which to build a program of specialized training, the Faculty of Fairmont State College has set up the list of general requirements listed below. In addition each candidate must also have completed all requirements in one major field with an average of "C" or better. The selection of minor fields is optional. All requirements, in summary form, follow:

General Requirements	**58 Sem. Hrs.**
Major Subject	24-44 Sem. Hrs.
Electives	**26-47 Sem. Hrs.**
(18-24 hours may be used as a minor, if desired)	
Total required for graduation	128 Sem. Hrs.

Students who began their degree work in September, 1948, or later will be expected to follow the requirements listed herein. Students who have begun their work previously may follow the program of general requirements under which they have been proceeding, unless they prefer, or are able, to meet current requirements.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English

could count the general requirements in Composition and Literature as part of his major work, and a major in Chemistry could count basic courses in that field and in the related field of Physics as meeting the general requirements in Physical Science.

Attention is also directed to the fact that many of the general requirements may be satisfied by passing successfully an examination covering their content.

Foreign language is not a general requirement. A number of departments, however, require the completion of twelve (12) semester hours of foreign language, or its equivalent.

It is expected that, in the changing of general and specific course requirements, a number of students will experience some difficulty in making the necessary adjustments. The Committee on Classification and Credits, which meets weekly, has full authority to make such adjustments in course requirements as may seem to deal justly with the situations presented.

GENERAL REQUIREMENTS

(All major fields)

Areas of Study	Specific Courses	Hours Credit
English Composition*	103, 107	6
Literature	213, 214, or 241, 242, or 341, 342	6
Speech	101, 105, or 337	4
Civilization* (World History)	101, 102	6
Social Sciences*# (Econ., Geog., Pol. Sci., Soc.)	201, 202	6
Physical Sciences*# (Astronomy, Chem., Geol., Physics)	201, 202	6
Biological Sciences*# (Anatomy, Botany, Ecology, Physiology, Zoology)	101, 102	6
Psychology*	103	3
Health	102	2
Physical Education†	101 (W); 111 (W); 115 (M); 116 (M); 126, 131, 136, 225, 226, 237, 317, 324	4
Mathematics*	205	4
Art#	311	2
Music#	305	2
Library Science	101	1
	Total, general requirements	58

*May be satisfied by examination.

#Required of non-majors in the field. Majors will start work in the basic courses of their major field immediately upon enrollment.

†Unless followed by (M) or (W), courses are open to both men and women. Substitutions, such as 231 for 131, and 337 for 237 may be made.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

Major — 36 Sem. Hrs.

History of Art — 10

210	Ancient Art	2
212	Contemporary Art	2
310	Italian and Northern Ren. Art	3
314	Medieval and 19th Century Art	3
410	Seminar in Art	2
412	Oriental Art	2

Studio Work (One major area in Art) — 12

Ceramics and Sculpture

119	Ceramics	2
121	Sculpture	2
219	Ceramics	2
221	Sculpture	2
319	Ceramics	3
321	Sculpture	3
419	Ceramics	3
421	Sculpture	3

Commercial Art (Design)

118	Lettering	2
217	Layouts in Adv. & Window Dis.	2
218	Illustration	2
317	Fashion Design, I.	3
318	Fashion Design, II.	3
417	Interior Design	3
418	Interior Design	3
427	Industrial Design	3
428	Mural Design	3

Painting and Printmaking

116	Etching	2
117	Lithography	2
122	Painting	2
213	Lithography	2
215	Etching	2
216	Etching	2
222	Painting in Oil	2
224	Painting in Watercolor	2
315	Printmaking	3
316	Printmaking	3
322	Painting in Oil	3
323	Painting in Gouache	3
416	Printmaking	3
422	Painting in any medium	3
432	Painting	3
433	Printmaking	3

Drawing

112	General Art	2
113	Drawing from Life	2
114	Drawing from Life	2
214	Drawing from Life	3
313	Drawing and Painting from Life	3

Studio Work (Selected from two major areas; see courses listed under Ceramics and Sculpture, Commercial Art, Painting, and Drawing listed above). 14

Minor in Art

History of Art Courses (See above) 4
Studio Work Courses (See above) 20
24 Sem. Hrs.

BOTANY

Major 32 Sem. Hrs.

Required Courses

101, 102	General Botany, or	
104, 105	General Biology	8
230	Systematic Botany	2-4
240	Plant Ecology	4
310	Plant Physiology	3
330	Field Botany	2-4
340	Morphology of Algae and Fungi	4
361	Plant Histology	3
*371	Plant Anatomy	2-4
*400	Bryophytes and Pteriodophytes	3-5
*411	Spermatophytes	4

*9-11 hours should be selected from courses marked with the asterisk.

Language: French and/or German recommended 12 Sem. Hrs.

Minor in Botany 24 Sem. Hrs.

Required Courses: 101, 102, or Biol. 104, 105; 240; 310; 330; 5-8 hrs. from 340, 361, 371, 400, 411.

BUSINESS

Major 39 Sem. Hrs.

Required Courses (All curricula) 24

Bus. 102	Principles of Business	3
201, 202	Principles of Accounting	6
306, 307	Business Law	6
Econ. 101	Econ. Development of the U. S.	3
201, 202	Econ. Prin. and Problems	6

Required Courses from Business, Economics and Retailing (These courses must be selected from special curricula, in the above fields) 15

Language. No requirement, but French, German or Spanish is desirable.

Minor in Business 18 Sem. Hrs.

Required Courses: Bus. 102, 201, 202 9
Econ. 101, 201, 202 9

CHEMISTRY

Major — 28 Sem. Hrs.

Courses Available

101, 102	General Chemistry	8
201	Qualitative Analysis	4
240, 241	Quantitative Analysis	8
301, 303	Organic Chemistry	8

Language (French or German) — 12 Sem. Hrs.

Minor in Chemistry (Not offered)

ECONOMICS

Major — 34 Sem. Hrs.

Required Courses

Econ. 101	Econ. Devel. of the U. S.	3
201, 202	Economic Principles and Probs	6
302	Economics of Labor	3
303	Money, Credit and Banking	3
402	Public Finance	3
403	International Economics	3
404	Comparative Economic Systems	2
405	History of Economic Thought	2
Bus. 102	Principles of Business	3
304	Marketing	3
401	Business Finance	3

Language. No Requirement, but
French, German, or Spanish is Desirable

Minor in Economics — 18 Sem. Hrs.

Required Courses

Econ. 101; 201, 202; 302 or 303	12
Bus. 304; 401 or 402	6

ENGLISH

Major — 36 Sem. Hrs.

Required Courses — 12

103, 107	Composition	6
213, 214, or 241, 242	Literature	6

Elective Courses — 24

302, 304, 321. 413	Composition	4
121, 223, 224, 225, 226, 313, 314, 316, 318, 322, 325, 341, 342, 371, 391, 402, 421, 451	Literature	20

Language (One, selected from French, German, Latin, Spanish) — 12 Sem. Hrs.

Minor in English — 24 Sem. Hrs.

Required Courses:	Same as in major	12
Elective Courses:	Composition	2
	Literature	10

GEOGRAPHY AND GEOLOGY

Major — 32 Sem. Hrs.

Required Courses				20
Geog.	101, 102	Principles of Geography	6	
Geol.	201	Principles of Geology	4	
Geol.	202	Historical Geology	4	
Geog.	205	Geography of North America	3	
Geog.	207	Geography of Europe	3	
Elective Courses				
Geog.	201	Physical Geog.	3	
Geog.	302	The Asiatic World	3	12
	304	The African World	3	
	305	World Political Geography	3	
	308	Geography of Latin America	3	
	309	Cartography and Map Inter.	3	
	320	Meteorology and Climatology	3	
	330	Conservation of Natural Res.	3	
	419	Geog. of the Soviet Union	3	

Minor in Geography and Geology — 18 Sem. Hrs.

Required Courses: Geog. 101, 102; Geol. 201 or Geog. 201; 205; 207; others from elective list.

HEALTH

Major — 40 Sem. Hrs

Health Courses			
102	Personal Health	2	
206	Home Nursing	2	
241	First Aid and Safety	2	
302	Community Health and Sanitation	2	
306	Marital Relations	2	
308	School Health Problems	3	
404	Physical Inspection	2	
408	Public Health Problems	3	
461	Organization and Administration	3	
Psychology			
204	Child Psychology	3	
335	Psychology of Personality	3	
Zoology			
350	Comparative Anatomy	4	
450	Human Physiology	4	
Home Economics			
303	Nutrition	3	
330	Child Care and Development	2	

HEALTH, PHYSICAL EDUCATION AND RECREATION (MEN)

(For major requirements, see page 60)

HEALTH, PHYSICAL EDUCATION AND RECREATION (WOMEN)

Major			40 Sem. Hrs.
Health			
102	Personal Health	2	7
302	Community Health and Sanitation	2	
308	School Health Problems	3	
404	Physical Inspection and Correction	2	
Theory			5
251	History and Principles	2	
461	Organization and Administration	3	
Basic Sciences			6
310	Anatomy and Physiology	3	
311	Kinesiology	3	
Team Sports			6
117	Skill Techniques	1	
119	Skill Techniques	1	
217	Skill Techniques	1	
219	Skill Techniques	1	
315	Intramural Program	2	
Individual and Dual Sports			5
131	Beginning Swimming or	1	
231	Intermediate Swimming	1	
237	Fundamentals of Tennis or	1	
337	Advanced Tennis	1	
317	Stunts and Tumbling	1	
324	Archery and Badminton	1	
331	Life Saving	2	
431	Competitive Swimming	1	
School and Community			6
336	Co-recreational Activities	2	
421	First Aid and Safety Education	2	
442	Camping and Youth Organization	2	
443	Community and Industrial Recreation	2	
Rhythms			
225	Square Dance	1	
226	Techniques of Modern Dance	1	5
325	Folk Dance	1	
326	Modern Dance	1	
426	Survey of the Dance	2	

HISTORY

Major			30 Sem. Hrs.
(18 hours in American or European history; 12 in the other field of history).			
Required Courses (American)			12-18
203, 204	Econ. & Soc. Hist. of U. S., or	6	
207, 208	A Survey of U. S. Hist.		
304, 306	Latin American History, or	6	
315, 316	Early American History, or		
401, 410	Recent American History.		

462A Intro. to Hist. Research	3	
Elective hours to complete requirement	3	12-18
Required Courses (European)		
101, 102 World Civilization, or	6	
221, 222 Modern Europe		
307, 308 English History, or	6	
309, 310 Hist. of Western Culture		
462B Intro. to Hist. Research	3	
Elective hours to complete requirement	3-5	
Language (French, German, or Spanish)		12 Sem. Hrs.
Economics, Geography, Political Science, Sociology		12 Sem. Hrs.

Minor in History 18 Sem. Hrs.

(12 in American or European history;
6 in the other fields of history)
American: 203, 204 or 207, 208; electives.
European: 101, 102 or 221, 222; electives.

HOME ECONOMICS

Major AB Degree—35 Sem. Hrs.
BS Degree—39 Sem. Hrs.

Required Courses	AB	BS
*101 Elementary Clothing	3	3
*102 Clothing Selection and Const.	2	2
*104 Principles of Clothing Design	2	2
*201 Elementary Foods	3	3
*202 Advanced Foods	3	3
*210 Textiles	3	3
303 Nutrition	3	3
312 Consumer Education	3	
*315 Home Management	3	3
*320 Home Planning and Furnishing	4	4
330 Child Care and Development	2	2
340 Quantity Cookery		3
*351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
414 Institutional Management		3
	35	39

Language (BS Degree): French, German, or Spanish 6 Sem. Hrs.

Home Economics as a minor 25 Sem. Hrs.

Required Courses: 101, 102, 104, 201, 202, 210, 303, 315.

*The courses starred indicate courses required for state certification.

Recommended for BS degree, Bot. 324, Zool. 310, Chem. 201, 301

INDUSTRIAL ARTS

(For major and minor requirements, see page 57)

JOURNALISM

Major — 40 Sem. Hrs.

Required Courses — 31

140	Introduction to Reporting	3
220	Principles of Advertising	3
240	Advanced Reporting	3
301	Copy Editing and Proofreading	3
302	Newspaper Type and Make-up	3
305	History of Journalism	3
412	Journalism Laboratory	3
470	Journalism Survey I	3
471	Journalism Survey II	3
	English 304 Creative Writing	2
	English 413 Expository Writing	2

Additional Courses — 9
(As many as possible should be taken, depending on enrollment and approval of department concerned)

Art 217, 311, 318
Business 304, 306
Economics 305
Geography 204, 205
History 205
Office Adm 101 (Typing)
Political Science 101, 302, 303
Psychology 105
Retailing 311
Sociology 120, 121
Language (12 Sem. Hrs.) — 12 Sem. Hrs.

Minor in Journalism

Required Courses
140, 220, 240, 301, 302, 305, 312 — 21 Sem. Hrs.

LATIN

Major — 24 Sem. Hrs.

Required Courses

101, 102	Intro. to Latin or High School equivalent	6
201	Intermediate Latin	3
204, 320	Roman Civilization or Mythology	2
*225	Cicero	3
*304	Horace	3
314	Composition	2
*322	Virgil	3
*329, 330	Pageant of Poetry and Prose	3
427	Livy	3

Minor in Latin — 18 Sem. Hrs.

Required Courses: 101, 102 or equivalent; 201; 204 or 320; 7 hours from 225, 304, 322, 329, 330, 427

*13 hours should be selected from courses marked with the asterisk.

MATHEMATICS

Major* — 37 Sem. Hrs.

Required Courses			31
121	Solid Geometry	3	
221	College Algebra	4	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
311	Spherical Trigonometry	3	
321	Differential Calculus	4	
331	Integral Calculus	4	
401	Differential Equations	3	
431	Theory of Determinants and Analytics of Space	3	
Additional Courses (6 hrs. should be selected)			6
341	Theory of Equations	3	
351	Mathematics of Finance and Invest.	3	
405	Modern Geometry	3	
411	Advanced Calculus	3	
441	Projective Geometry	3	

Minor in Mathematics

Required Courses: 121, 221, 231, 251, 311, 321, 331, 341, 401 — 30 Sem. Hrs.

*Bachelor of Science degree candidates in Mathematics should complete a

(1) Minor in Physics by earning credit in Physics 101, 103; 310, 311; 320, 321 or 420, 421.

(2) Language: 12 hours either German or French.

MUSIC

Major — 40 Sem. Hrs.

Required Courses			
Music Theory, including:			12
101	Fundamentals	2	
104	Sight Singing	2	
203	Ear Training	2	
311, 312	Harmony	4	
401	Form and Analysis	2	
Applied Music, including:			10
107-408	Piano (Minimum 4)	4 or 6	
141-442	Voice (Minimum 4)	4 or 6	
*Special orchestral instrument		4	
Appreciation including:			6
301	Appreciation	3	
313	History	3	
Conducting, including:			12
345	Choral Conducting	2	

346 Instrumental Conducting 2
Participation in: 8
165-466 Men's Chorus
167-468 Orchestra
169-470 Band
171-472 Women's Chorus
173-474 Mixed Chorus

Minor in Music 24 Sem. Hrs.
Theory: 101, 104, 203 6
Appreciation: 301 3
Applied Music 8
107-408 (Min. 3) 3 or 5
141-442 (Min. 1) 3 or 5
*Special orchestral instrument
Conducting (See courses listed above) 7

*Advanced work on a special orchestral instrument may be done to satisfy four of the hours required in this group.

OFFICE ADMINISTRATION

Major 30 Sem. Hrs.
Required Courses 30
101, 102 Beginning Typewriting (or equivalent) 4
211 Vocational Typewriting 2
201, 202 Beginning Shorthand (or equivalent) 8
301, 302 Advanced Shorthand and Transcription 8
311 Office Machines and Filing 2
401 Secretarial Practice 3
402 Cooperative Office Practice 3
Related Course Requirements 25
Bus. 201, 202 Principles of Accounting 6
Bus. 211 Business Correspondence 2
Bus. 306 Business Law 3
Bus. 308 or 309 Industrial Relations 3
Econ. 201, 202 Economic Principles and Problems 6
Econ. 302 Economics of Labor 3
Math. 141 Business Mathematics 2
Recommended Courses 9
Bus. 220 Prin. of Advertising 3
304 Marketing 3
Econ. 303 Money, Credit and Banking 3
Geog. 204 Economic Geography 3
Hist. 203 Economic History 3
Ret. 205 Salesmanship 3

Minor (No minor in Office Administration recommended)

PHYSICS

Major — 30 Sem. Hrs.

Required Courses in Physics			30
210, 211	Engineering Physics	10	
310, 311	Electricity and Electronics	8	
320, 321	Mechanics	6	
420, 421	Atomic Physics	6	
Required Courses in Mathematics			22
221	College Algebra	4	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
401	Differential Equations	3	

Minor in Physics — 24 Sem. Hrs.

Required Courses

Physics: 210, 211; 310, 311; 320, 321 or 420, 421

Mathematics: 221, 231, 251 — 11 Sem.Hrs.

POLITICAL SCIENCE

Major — 30 Sem. Hrs.

Required Courses		
101	Fundamentals of Political Science	3
**103	American Federal System	3
203	Comparative Government	3
206	Amer. State and Local Government	2
207	American Municipal Government	2
**302	American Government	3
303	Political Parties and Public Opinion	3
*305	American Diplomacy	3
*307	History of Political Thought	3
x309	The Growth and Development of Law	2
x310	English Constitutional Law	2
403	Documented Report	2
406	International Problems	3
407	The Legislative Process	2
408	The Judiciary	2
409	The Administrative Process	2

Minor in Political Science — 19 Sem. Hrs.

Required Courses: 101, 103, 203, 206, 207, 303, 305 or 307

*Three hours should be selected from these courses.
x309 or 310 may be substituted for 408 or 409.
**103 and 302 meet the same requirements.

PSYCHOLOGY

Major — 24 Sem. Hrs.

Required Courses		
103, 104	General Psychology	6
204	Child Psychology	3
205	Applied Psychology	3

335	Psychology of Personality	3
336	Abnormal Psychology	3
401	Tests and Measurements	3
402	Advanced Psychology Seminar	3

Minor 12 Sem. Hrs.

Required Courses: 103, 104; 205; 335

RETAILING

(Distributive Education)

Major 30 Sem. Hrs.

Required Courses 21

105, 106	Principles of Retailing	6
205	Salesmanship	3
210 or 211	Merchandise Information	3
306, 307	Merchandising	6
Bus. 304	Marketing	3

Elective Courses 9

210, 211, 212	Merchandising Information	3-6
305	Store Mgt and Operation	3
311	Display	3
314	Fashion Fundamentals	2
320	Interior Decoration	2

Minor (not offered in Retailing)

SOCIOLOGY

Major 24 Sem. Hrs.

Required Courses 9

Soc. 120, 121	Introductory	
or		
Soc. Sci. 201, 202	Fund. Social Problems	6
Soc. 460	Methods of Research	3

Elective Courses 15

240	The Family	3
301	Anthropology	3
320	Rural Sociology	3
330	Urban Sociology	3
340	Juvenile Delinquency	3
350	Criminology	3
440	Population Problems	3
450	Minority Groups	3

Minor in Sociology 18 Sem. Hrs.

Soc. 120, 121 or Soc. Sci. 201, 202 6

Elective courses from list above 12

SPANISH

Major — **28 Sem. Hrs.**

Required Courses

101, 102	Elementary Spanish, or equivalent	6
201, 202	Modern Spanish	6
221, 222	Inter. Composition & Conversation	4
*301, 302	Nineteenth Cent. Lit. I, II	6
*340	Spanish American Literature	3
*421, 422	Literature of the Golden Age	6

*12 hours should be selected from courses marked with the asterisk.

Language (French or Latin) — **6-12 Sem. Hrs.**

Minor in Spanish — 22 Sem. Hrs.

Required Courses: 101, 102 or equivalent; 201, 202; 221, 222; electives.

SPEECH AND DRAMATICS

Major — 28 Sem. Hrs.

Required Courses			13-15
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	
337	Effective Speaking	2	
430	Speech Correction	2	
Elective Courses			10-12
151	Play Production	2	
152, 152L	Theatre Workshop	1-2	
234	Fundamentaals of Radio Speech	2	
244	Intercollegiate Debating	1-2	
245	Oratory	1-2	
251	Acting	2	
301, 301L	Make-up	1-2	
313, 314	Shakespeare: Comedies & Tragedies	6	
318	Modern Drama	3	
331	Children's Theatre	3	
334	Radio Production	2	
421	Poetry Interpretation	3	
Related Course Requirements			4-5
Composition (Adv)		2-3	
Literature, Library Science or Jour.		2-3	

Minor in Speech and Dramatics — **18 Sem. Hrs.**

Required Courses: 101, 105, 151, 243, 245, 336, 337, 421, 430

ZOOLOGY

Major — 30 Sem. Hrs.

Required Courses

Biol. 104, 105	General Biology, or	
Bot. 103 and Zool. 103	General Botany or Zoology	8
Zool. 315	Field Zoology	3-4
*320	Invertebrate Zoology	4
321	Vertebrate Zoology	4
350	Comparative Anatomy	4
*380	Introduction to Genetics	3
*410	Histological Technique	3-4
*411	Histology	3-4
*415	Problems in Zoology	2-3
*420	Vertebrate Embryology	4
*450	Human Physiology	4
*To be selected from these courses		10-11

Language (French or German) — 12 Sem. Hrs.

Chemistry — 8 Sem. Hrs.

Physics — 8 Sem. Hrs.

Zoology as a minor — 20 Sem. Hrs.

Required Courses: Biol. 104, 105 or Bot. Zool. 103 — 8

Zool. 315, 320, 321, 350 — 12

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

INTRODUCTION

The Department of Education of Fairmont State College is responsible for providing prospective teachers with opportunities to develop those broad understandings and skills which are essential in the development of the educated citizen as well as the successful teacher. Fairmont's teacher education program seeks to achieve these objectives by proper emphasis on the following elements: general education, professional education, and specialized education. The first year of the four-year program includes little specialized or elective work. All students are enrolled in courses in general education, which, continued in the second college year, will insure prospective teachers a basic liberal education upon which to build specialized courses leading to areas of concentration or teaching fields. Professional education begins in the second or third year and continues throughout the remaining years of college work.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of Bachelor of Arts in Education. Students completing Curriculum A will be eligible to teach in any West Virginia public junior or senior high school. Those completing Curriculum B will be specifically trained to teach in the public elementary schools, grades one to eight inclusive. Those completing Curriculum C will be qualified to teach in any public school, grades one to twelve inclusive.

Students not now interested in a four-year teacher education program may arrange a schedule of study that will prepare them to meet certain West Virginia certification requirements. Such students should consult with the Chairman, Department of Education, and arrange programs that will lead to the desired certification.

Fairmont State College offers enough courses in Library Science to meet the 1947 North Central Association of Colleges and Secondary Schools requirements for teacher-librarians in high schools enrolling up to 500 pupils. At least sixteen semester hours in library science is offered, but some courses are offered only in alternate years. Students planning to complete this requirement should arrange to take most of these courses during the last two years of their college work.

Special programs leading to non-academic permits and certificates in Music, Art, Physical Education, and Industrial Arts, and for out-of-state certification have been organized. Courses are also provided to meet requirements for the **Third Class Elementary Certificate,** which is issued upon the successful completion of 64 semester hours. The list of required courses, set up in block schedule form, is prepared for student use at the beginning of each semester.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at Jayenne School for graded school work and at Union School for rural work. Both are under the joint direction of Fairmont State College and the Marion County Board of Education. Secondary training is given in connection with local Marion County junior and senior high schools.

Eligibility for student teaching is determined by the ability of the student to meet the following requiremens:

1. Minimum earned credits in academic and professional courses as follows:
 a. For enrollment in Ed. 250, 32 semester hours including 6 hours in education courses.
 b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 12 hours in education courses.
 c. For enrollment in Ed. 450, an additional requirement that three-fourths of the required work in each teaching field shall have been completed.

2. An average of not less than "C".
 a. On all credits to be counted toward graduation.
 b. On all credits in areas of concentration or teaching fields.
 c. On all credits in the department of education.

3. A statement from the college health department showing that regulations for a health examination have been compiled with.

4. A permit from the student's adviser showing semester hours and quality points earned. This permit must be countersigned by the Registrar.

All students seeking degrees under Curricula A, B, and C will be required to complete a total of six hours in student teaching. Assignments for student teaching work will usually involve a two hour daily period over the course of an entire semester.

TEACHER EXAMINATION

Graduating seniors, who expect to be recommended for a first class teaching certificate, are required to take the National Teachers Examination. This is a comprehensive examination designed to serve the purpose of self-analysis for the student as to aptitude for teaching, and as a means of indicating weaknesses in the student's preparation for teaching which may be improved in the period remaining before graduation.

ADJUSTMENTS

Students who began their degree work in September, 1948, will be expected to meet the requirements in general and professional education listed below. Students who have begun their work previously may follow the program of general requirements under which they have been proceeding, unless they prefer, or are able, to meet current requirements.

In view of the changing of requirements there may be some need for adjustments to be made in the individual student's program. The Committee on Classification and Credits, which meets weekly, has full authority to make such adjustments as may seem to meet fairly the several situations involved.

SUMMARY OF CURRICULA REQUIREMENTS

Candidates for the degree of Bachelor of Arts in Education must have 128 semester hours of credit and 128 quality points as a minimum requirement for graduation. Forty-five hours of the requirement must be earned in courses numbered within the 300-499 levels. In addition all requirements in one or more curricula must be completed.

CURRICULUM A

1. General education requirements are 55 semester hours, less the hours of general requirements included in first or second teaching fileds. Fairmont State College offers teaching fields in:

Art	Latin
Biological Science	Mathematics
Biological and General Science	Music
Commerce--Business Principles	Physical Education
Commerce--Occupational (Office Administration)	Physical Science
	Physical and General Science
Distributive Education	Social Science
English	Spanish
Home Economics	Speech
Industrial Arts	

2. Students must be prepared for departmental work by completing the 24-44 semester hour teaching field requirement set up by Fairmont State College, which includes state minimum requirements in one field, and by meeting the state mimimum requirement of 24 or 34 semester hours in a second field.

3. Professional education. Department of Education courses, 23 semester hours as a minimum; 24 as the maximum acceptable.
4. The certificate granted upon the successful completion of Curriculum A, graduation, and recommendation by the College is the West Virginia First Class High School Certificate.

CURRICULUM B

1. General education requirements are 64 semester housr less credit for the number of hours of general requirements included in the specific requirements in English, Social Science, Science, Physical Education, Art and Music.

2. Specialization is recommended in one or more of the fields listed above. This may be obtained by adding courses to the minimum required in each field.

3. Professional education, Department of Education courses, 23 semester hours as a minimum; 24 as the maximum acceptable. Exception is made in the case of the those elementary teachers with not less than five years experience acquired before 1943, who may count as many as 32 hours on their degree total of 128 semester hours.
4. The certificate granted upon the successful completion of Curriculum, B, graduation, and recommendation by the College is the West Virginia First Class Elementary Certificate.

CURRICULUM C

1. General education requirements are 55 semester hours, plus additional requirements of a general nature required in this curriculum of 21 hours, making a total of 76 semester hours.
2. Professional Education, Department of Education courses, 23 semester hours as a minimum; 26 as the maximum acceptable.
3. The certificate granted upon the successful completion of Curriculum C, graduation, and recommendation by the College is the West Virginia Public School Certificate, which is valid in both the elementary and the secondary school.

General Requirements

(All curricula)

Areas of Study	Specific Courses			Credit
	Cur. A	Cur. B	Cur. C	Hours
English Composition *#	103, 107	102, 104, 208	102, 104, 208	6-9
English Literature #	213, 214 241, 242; 341, 342	207; 213, 214; 241, 242	213, 214; 241, 242; 207	6-15
Speech #	101, 105 or 337			4
Social Science *#	101, 102 201, 202	101, 102 201, 202	101, 102 201, 202	12-18
History		302	302	
Geography		305	305	
Physical Sciences *#	201, 202	201, 202	201, 202	6
Biological Sciences *#	101, 102	101, 102	101, 102	6
Health #	102	102	102	2
Physical Education #x	101 (W); 111 (W); 115 (M); 116 (M); 126; 131; 136; 225; 226; 237; 317; 324		101 (W); 111 (W); 115 (M); 116 (M); 117 (W); 126; 131; 136; 214; 225; 226; 237; 324; 325	4-6
Mathematics *#	205	205	205	4
Art #	311	111, 211, 311	111, 211, 311	2-6
Music #	305	101, 102, 305	101, 102, 305	2-6
Library Science	101	101	101	1
			Total, general requirements	55-76

*May be satisfied by examination.

#Required of those students not using subject as a teaching field. Students using this subject as a teaching field will start work in the basic courses immediately upon enrollment.

xUnless followed by (M) or (W), courses are open to both men and women. Substitutions, such as 231 for 131, and 337 for 237 may be made.

Professional Requirements

(All curricula)

Subjects*	Specific Courses Cur. A	Cur. B	Cur. C	Hours Credit
Educational Psychology	202, 203	202, 203	202, 203	6
Prin. & Methods of Tchg, Elementary School	---	226, 336	226, 422	6
Prin. & Methods of Tchg, Secondary School	332	---	---	4
Human Adjustment	325	325	325	3
Survey of Guidance	395	---	---	2
Tests and Measurements	430	430	430	2
Directed Teaching**	450	250, 420	250, 425	6

*In order to meet the needs of teachers-in-service, it may be necessary to offer certain courses in addition to those listed above.

**Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the field or fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio.

Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level.

If students completed Ed. 250 in the Third Class Elementary Curriculum, they should enroll for Ed. 420, 3 hrs, in Curriculum B, or Ed. 425, 3 hrs, Curriculum C; otherwise they should enroll in Ed. 420 and Ed. 425 for 6 hrs credit.

SPECIFIC REQUIREMENTS IN ALL TEACHING FIELDS

ART

32 Sem. Hrs.

Required Courses			Min. Required
Design			6
118	Lettering	2	
217	Layouts in Adv. and Window Dis.	2	
218	Illustration	2	
317	Fashion Design, I.	3	
318	Fashion Design, II.	3	
417, 418	Interior Design	6	
Freehand Drawing			6
112	Drawing	2	
113, 114, 214	Drawing from Life	7	
313	Drawing and Painting from Life	3	
History and Appreciation			6
210	Ancient Art	2	
212	Contemporary Art	2	
310	Italian and North Ren. Art	3	
314	Medieval and 19th Cent. Art	3	
410	Seminar in Art	2	
412	Oriental Art	2	
Painting and Modeling			6
119, 219, 319, 419	Ceramics	10	
121, 221,321,421	Sculpture	10	

Elective Courses

Ceramics	History and Appreciation (Adv)
Commercial Art	Lithography
Crafts	Painting (Adv)
Etching	Sculpture

BIOLOGICAL SCIENCE — 32 Sem. Hrs.

Required Courses			14
Biol. 104, 105	General Biology, or		
Bot. 103 and Zool. 103	General Botany and Zool.	8	
Botany 330	Field Botany	3	
Zool. 315	Field Zoology	3	
Elective Courses			10
Bot. 240	Plant Ecology	4	
310	Plant Physiology	4	
324	Bacteriology	3	
340	Morphology	4	
371	Plant Anatomy	2-4	
400	Bryophytes and Pteridophytes	3-5	
411	Spermatophytes	4	
Zool. 350	Comparative Anatomy	4	
370	Principles of Animal Ecology	3	
380	Introduction to Genetics	2-3	
420	Vertebrate Embryology	4	
450	Human Physiology	4	
Chemistry			8
Chem. 101, 102		8	

BIOLOGICAL AND GENERAL SCIENCE — 44 Sem. Hrs.

Required Courses			14
Biol. 104, 105, or	General Biology,		
Bot. 103 and Zool. 103	General Botany and Zool.	8	
Bot. 330	Field Botany	3	
Zool. 315	Field Zoology	3	
Elective Courses			10
(See detailed courses listed under Biological Science immediately above)			
Chem. 101, 102	General Chemistry		8
Physics 101, 103	General Physics		8
Geology 201	Geology: Physical		4

COMMERCE—BUSINESS PRINCIPLES.* — 27 Sem. Hrs.

Required Courses	Min. Hrs.
Bus. 201, 202—Prin. of Accounting	6
Bus. 304—Marketing	3
Bus. 306—Business Law	3
Econ. 201, 202—Econ. Prin. & Probs.	6
Econ. 303—Money, Credit & Banking	3
Math. 141—Business Mathematics	2
Off. Adm. 101, 102 Typing	4

*For preparation in this field students are advised to complete Bus. 211, 2 hrs.

DISTRIBUTIVE EDUCATION* — 42 Sem. Hrs.

Retailing (Required courses)			27
105, 106	Principles of Retailing	6	
205	Salesmanship	3	
210, 211	Merchandise Information (Select one)	3	
306, 307	Merchandising	6	
350, 351	Experience in Merchandising	6	
Business			
304	Marketing	3	
Education (Required courses)**			6
401	Organization and Adm. of Dist. Educ.	2	
402	Coordination and Super. of Dist. Educ.	2	
403	Development of Instr. Mtls, Dist. Educ.	2	
Electives (Required hours)			9
Retailing			
212	Merchandise Information	3	
305	Store Mgmt and Operation	3	
311	Display	3	
314	Fashion Fundamentals	2	
320	Interior Decoration	2	
405	Personnel Management	2	
Journalism			
220	Advertising	3	
Economics			
303	Money, Banking and Credit	3	
Electives in Education (Suggested but not required)			
395	Guidance	2	
424	Visual Aids in Education	2	

* The above program is in accordance with the West Virginia State Plan for Distributive Education, which has been officially approved.
**These six hours may be counted under the total of the 20 hours of professional requirements.

ENGLISH — 36 Sem. Hrs.

Required Courses			
Composition—Oral and Written			12
Eng. 103, 107		6	
Electives from 302, 304, 321, 413		4	
Speech 101		2	
Literature			21
Eng. 213, 214	American Literature	6	
241, 242	English Literature	6	
Electives from 121, 223, 224, 225, 226, 313, 314, 316, 318, 322, 325, 341, 342, 371, 391, 402, 421, 451		9	
Special Activities			3
Journalism			
*Library Science			

*Children's Literature not acceptable.

HOME ECONOMICS*

32 Sem. Hrs.

Required Courses

101	Elementary Clothing	3
102	Clothing Selection and Const.	2
104	Principles of Clothing Design	2
201	Elementary Foods	3
202	Advanced Foods	3
210	Textiles	3
303	Nutrition	3
315	Home Management	3
320	Home Planning and Furnishing	4
330	Child Care and Development	2
351	Applied Design	2
406	Techniques	2

*In addition to the above requirements, teachers of Vocational Home Economics must complete 12 hours in Biology and 8 hours in Chemistry. At the present time, Fairmont State College does not prepare teachers for this type of Home Economics teaching.

INDUSTRIAL ARTS

41 Sem. Hrs.

Required Courses 21 Sem. Hrs.

101	General Bench Woodwork	2
110	General Shop	2
122	General Metal	2
130	Elementary Applied Electricity	2
134	Machine Shop I	2
140	Mechanical Drawing	2
202	Machine Woodwork	2
242	Architectural Drawing I	2
325	Administration & Organization of Industrial Arts	2
*335	Philosophy of Industrial Arts	3

**Elective Courses (Select ten to develop areas of specialization) 20 Sem. Hrs.

104	Wood Finishing	2
120	Sheet Metal I	2
220	Sheet Metal II	2
222	General Metal II	2
230	Electricity II	2
234	Machine Shop II	2
303	Furniture Construction	2
304	Cabinet Making I	2
314	Plastics and Crafts	2
320	Sheet Metal III	2
334	Machine Shop III	2
342	Architectural Drawing II	*2
345	Acetyline Welding	2
346	Arc Welding	2
350	Machine Drawing I	2
404	Building Construction	2
434	Machine Shop IV	2
442	Architectural Drawing III	2
450	Machine Drawing II	2
462	Architectural Drawing IV	2

MINOR IN INDUSTRIAL ARTS (B. S. students) 24 Sem. Hrs.

Required Courses

101, 110, 122, 130, 134, 140, 202
242, 325; plus six (6) additional
hours from elective courses arranged
in technical sequences.

*Must be scheduled by all candidates for the teaching degree; recommended for all other students.

**Math 131 Descriptive Geometry may be used as a drawing elective by students transferring from the Pre-Engineering course to Industrial Arts.

Industrial Arts students should elect Bot. 122, Characteristics of Materials, 2 hrs.

LATIN 27 Sem. Hrs.*

Required Courses

Grammar and Composition		11
Latin 101, 102 Elementary Latin, or High School equivalent	6	
201 Intermediate Latin	3	
314 Composition	2	
Literature and Background Material		16
204 Roman Civilization	2	
225 Cicero	3	
304 Horace	3	
320 Mythology	2	
322 Virgil	3	
329. 330 Pageant of Poetry & Prose	3	
427 Livy	3	

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hrs.

LIBRARY SCIENCE* 16 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. Students planning to complete this requirement should arrange to take most of these courses in the last two years of their college work. West Virginia does not certify librarians at this time.

Library Science Courses

101	The use of the Library	1 hour
207	Children's Literature and Story Telling	3
302	School Library Administration	3
303	Cataloging and Classification	3
305	Book Selection	2
306	Reference and Bibliography	2
404	Practice Work	2-3

*O. A. 101, or its equivalent, should be taken before enrollment in any 300 or 400 level Library Science course, except 305.

MATHEMATICS* 28 Sem. Hrs.**

Required Courses			22
121	Solid Geometry	3	
221	College Algebra	4	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
Elective Courses (Select 6 hrs)			6
311	Navigational Trigonometry	5	
341	Theory of Equations	3	
401	Differential Equations	3	
405	Modern Geometry	3	

*2 units of Algebra and 1 unit of Plane Geometry are required of students undertaking a major teaching field in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. 1, Intermediate Algebra, and Math. 111, Review Algebra.

Plane Geometry is offered in the Summer Laboratory School.

**3 semester hours may be deducted for Solid Geometry taken in high school.

MUSIC* 54 Sem. Hrs.

Required Courses			
Theory, including:			12
101	Fundamentals of Music	2	
104	Sight Singing	2	
203	Ear Training	2	
311, 312	Harmony	4	
401	Form and Analysis	2	
Applied Music, including:			17
107-408	Piano (Minimum 5) 5 or 6	11	
141-442	Voice (Minimum 2) 5 or 6		
‡Special orchestral instrument		4)	
Orchestral instruments	(Minimum 6)	6	
Appreciation, including:			9
301	Music Appreciation	3	
313, 314	History	6	
Conducting, including:			12
345	Choral Conducting	2	
346	Instrumental Conducting	2	
Participation in:		8	
165-466	Male Chorus		
167-468	Orchestra		
169-470	Band		
171-472	Women's Chorus		
173-174	Mixed Chorus		
Music Education, including:			4
102	Methods and Materials for Elem. Grades	2	
431	Methods and Materials for Sec. Schools	2	

*The 54 semester hour requirement listed qualifies for the Special Non-academic Certificate in Music. A First Class High School Certificate in Music is available upon completion of 40 hours from the above outline of courses. This certificate requires 10 hours in the Theory group; 9 in the Applied Music group; 9 in the Appreciation group; 10 in the Conducting group; and 2 in the Music Education group.

‡Advanced work on a special orchestral instrument may be done to satisfy four of the eleven hours required in this block.

OFFICE ADMINISTRATION (Commerce-Occupational) — 39 Sem. Hrs.

		Min. Required
Required Courses		
Accounting		6
Bus. 201, 202 Principles of Accounting	6	
Typewriting		4
O.A. 101, 102 Beginning Tyewriting	4	
*O.A. 211 Vocational Typewriting	2	
Shorthand and Transcription		8
O.A. 201, 202 Beginning Shorthand	8	
*O.A. 301, 302 Advanced Shorthand and Transcription	8	
Secretarial Practice		5
O.A. 311 Office Machines and Filing	2	
O.A. 401 Secretarial Practice	3	
Related Courses		13
Bus. 211 Business Correspondence	2	
306 Business Law	3	
Econ. 201, 202 Econ. Prin. and Prob.	6	
Math. 141 Business Math. or equivalent	2	
Retailing, Salesmanship, or Advertising		3
Ret. 105 Principles of Retailing, or	3	
205 Salesmanship, or	3	
305 Merchandising, or	3	
Jour. 220 Principles of Advertising	3	

*O.A. 211 and 301 must be scheduled.

PHYSICAL EDUCATION (Men)*

MAJOR		30 Sem. Hrs
Required Courses		
Health Education Courses		4
102 Personal Health	2	
308 School Health Problems	2	
Team Sports		7
115 Team Games	1	
320 Coaching & Officiating: Football	3	
321 Coaching & Officiating: Bkbl & Bbl	3	
Rhythmic Activities		1
126 Rhythmic Activities	1	
225 Square Dancing	1	
325 Folk Dancing	1	
Recreational Activities		4
116 Individual Activities	1	
131 Beginning Swimming	1	
231 Intermediate Swimming	1	
331 Swimming Techniques and Life Saving	2	
336 Co-recreational Activities	2	
School and Community Activities		4
241 First Aid and Safety Education	2	
442 Campcraft & Youth Organizations, or		
443 Community & Industrial Recreation	2	
Theory Courses		4
404 Corrective Physical Education	2	
461 Prin., Org, & Adm of Phy. Ed	2	

Basic Science			6
310	Human Anatomy	3	
311	Kinesiology	3	

*No credit in Physical Education is allowable for participation in intercollegiate sports.

PHYSICAL EDUCATION (Women)

Major			40 Sem. Hrs.
Health			7
102	Personal Health	2	
302	Community Health and Sanitation	2	
308	School Health Problems	3	
404	Physical Inspection and Correction	2	
Theory			8
251	History and Principles	2	
361	Methods for Secondary Schools	3	
461	Organization and Administration	3	
Basic Sciences			6
310	Anatomy and Physiology	3	
311	Kinesiology	3	
Team Sports			6
117	Skill Techniques	1	
119	Skill Techniques	1	
217	Skill Techniques	1	
219	Skill Techniques	1	
315	Intramural Program	2	
Individual and Dual Sports			5
131	Beginning Swimming or	1	
231	Intermediate Swimming	1	
237	Fundamentals of Tennis or	1	
337	Advanced Tennis	1	
317	Stunts and Tumbling	1	
324	Archery and Badminton	1	
331	Life Saving	2	
431	Competitive Swimming	1	
School and Community			4
241	First Aid and Safety Education	2	
336	Co-Recreational Activities	2	
442	Camping and Youth Organization	2	
Rhythms			4
225	Square Dance	1	
226	Techniques of Modern Dance	1	
425	Folk Dance	1	
326	Modern Dance	1	
426	Survey of the Dance	2	

PHYSICAL SCIENCE

36 Sem. Hrs.

Chemistry			16
101, 102	General Chemistry	8	
201	Qualitative Analysis	4	
240, 241	Quantitative Analysis	8	
301, 302	Organic Chemistry	8	
Physics			16
101, 103	General Physics	8	
310, 311	Electricity and Electronics	8	

320, 321	Mechanics	8		
Electives (Physical Science only)			4	

PHYSICAL AND GENERAL SCIENCE — **44 Sem. Hrs.**

Required Courses				
Chemistry			16	
101, 102	General Chemistry	8		
201	Qualitative Analysis	4		
240, 241	Quantitative Analysis	8		
301, 303	Organic Chemistry	8		
Physics			16	
101, 103	General Physics	8		
310, 311	Electricity and Electronics	8		
320, 321	Mechanics	8		
Biology			8	
104, 105	General Biology	8		
Geology			4	
201,	Geology: Physical	4		

SOCIAL SCIENCE — **42 Sem. Hrs.**

History			18	
101, 102	World Civilization	6		
207, 208	Survey of U. S. History	6		
302	History of West Virginia	3		
462A, B	Intro. to Hist. Research & Biblio.	3		
Economics			6	
201, 202	Economic Principles & Problems	6		
Geography			6	
101, 102	Principles of Geography	6		
Political Science			6	
103	American Federal Government	3		
203	Comparative Government	3		
Sociology			6	
120, 121	Introductory Sociology	6		

SPANISH — **28 Sem.Hrs.***

Required Courses			16	
Elementary Rhetoric and Composition				
Span. 101, 102,	Elementary Spanish, or equivalent	6		
Advanced Grammar, Pronumciation, Readings				
Span. 201, 202	Modern Spanish	6		
Conversation and Composition				
Span. 221, 222	Inter. Comp. & Con	4		

Literature			12
Span. 301	Nineteenth Cent. Lit.	3	
302	Nineteenth Cent. Lit.	3	
340	Spanish American Lit.	3	
421	Lit. of the Golden Age	3	
422	Drama (of Golden Age)	3	

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

SPEECH

28 Sem.Hrs.

Required Courses			13
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	
337	Effective Speaking	2	
430	Speech Correction	2	
Electives Courses*			15
151	Play Production	2	
152, 152L	Theatre Workshop	1-2	
234	Fundamentals of Radio Speech	2	
244	Intercollegiate Debating	1-2	
245	Oratory	1-2	
251	Acting	2	
301, 301L	Make-up	1-2	
313, 314	Shakespeare: Comedies & Tragedies	6	
318	Modern Drama	3	
331	Children's Theatre	3	
334	Radio Production	2	
421	Poetry Interpretation	3	

*Not more than 3 hours may be elected in any one subject.

PRE-PROFESSIONAL COURSES

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry	Law	Nursing
Engineering	Medicine	Social Work
Medical Technology		

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalog from the school they expect to enter with advanced standing so that the courses taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional adviser should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of a specific college of dentistry for the entrance requirements differ somewhat among the various colleges. They should obtain a catalog from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year Hrs.		Second Year Hrs.	
English 103, 107	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 102	3	3		
German 201, 202 or French 221, 222			3	3
Biology 101, 102 or 104, 105, or	3-4	3-4		
*Zoology 103, 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 103, 205	3	3		
Electives (Composition, Literature or Sociology)			2	2
	16-17	16-17	17	17

*Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-ENGINEERING CURRICULUM

The curriculum in pre-engineering is planned, first, to give the student an introduction to the arts and sciences common to the various fields of engineering, thereby helping him to select the type of engineering best suited to his liking and ability; secondly, to give him special and technical knowledge in the basic arts and sciences which will enable him to do successful work in the courses in the college of engineering he plans to enter.

As there is a growing tendency to encourage students to obtain a broader education than was formerly required for engineering degrees, it is suggested that students do this through careful selection of electives in economics, history, languages, and science.

A suggested program of pre-engineering courses, extending over the first two years and a possible summer session in Fairmont State College, is outlined below.

For students offering 1½ units of Algebra and 1 unit of Geometry as entrance credit, the following curriculum is suggested:

	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 103, 107	3	3		
Speech 101	2			
Mathematics 111, 221	2	4		
Mathematics 121, 231	3	3		
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241			3	3
Language or Bus. 306 & Geol. 201			3	3
Engineering 201, 202, or Math. 401			3	3
	17	17	18	18

For students offering 1½ or 2 units of Algebra and 1 or 1½ units of Geometry, the following curriculum is suggested:

Course	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 103, 107	3	3		
Speech 101	2			
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Mathematics 221, 231	4	3		
Mathematics 121		3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241 or Bus. 306 & Geol. 201			3	3
Language			3	3
Engineering 201, 202, or Math. 401			3	3
	16	16	18	18

Other courses to be taken in the Summer Session, or in the first two years, if preparatory work permits:

Mathematics 241	3
Mathematics 251	4
Engineering 112	3
115	2
209	2

PRE-LAW CURRICULUM

Fairmont State College now offers three years of pre-law work. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128, and to complete all major requirements, may be taken in a standard law school. Fairmont State College will then confer the AB degree on those students who complete this program.

A suggested outline of pre-law courses covering the first three years in Fairmont State College is outlined below:

Subject	Hours	First Year 1st	First Year 2nd	Second Year 1st	Second Year 2nd	Third Year 1st	Third Year 2nd
Library Science	1	101					
English Composition	6	103	107				
Speech	4	101	105				
History	16	101	102	207	208	307	308
Biological Science	6	101	102				
Psychology	3	103					
Physical Education and Health	6	102	115	116			
Political Science	10		103		203	309	310
Physical Science	6			201	202		
Sociology	6			120	121		
Mathematics	4			205			
Art	2			311			
Music	2				305		
Literature	6					341	342
Economics	6					201	202
Business	6					201	202
Electives	6						
Total	96						

PRE-MEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. It is not intended as a rigid set of requirements which apply in all cases. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plans to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be urged to continue medical training.

The following basic courses in Fairmont State College are recommended:

Course	First Year Hrs.		Second Year Hrs.	
English 103, 107	3	3		
Speech 101	2			
Chemistry 101, 102	4	4		
Foreign Language (German, French, Latin)	3	3	3	3
Biology 101, 102, 104, 105 or Zool. 103 or 320, 321, or 350	3-4	3-4		
Mathematics 111 or 221	2-4	2-4		
Chemistry 201, 241			4	4
Physics 101, 103			4	4
Pol. Sci. 103, Econ. 201, or Psy. 103			3	3
Literature			3	3
	17-18	17-18	17	17

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year Hrs.		Year Hrs.	Second Hrs.
English 103, 107	3	3		
Chemistry 101, 102	4	4		
Zoology 103 and Botany 103; or Biol. 104, 105	4	4		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 103, 205			3	3
Sociology 120 and elective			3	3
Electives	1-2	1-2	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Welfare is designed to meet the needs of the students who plan to enter the School of Social Administration at West Virginia University, or another approved school of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely in Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

The students who choose this course must satisfy all the requirements prescribed for the degree of Bachelor of Arts. They should elect their major in the field of Sociology and meet the requirements set up for majors. The program for this curriculum must be planned in consultation with the chairman of the Department of Sociology.

MEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Semester		Second Semester	
English 103	3 sem. hrs.	English 107	3 sem. hrs.
Biology 104	4 " "	Biology 105	4 " "
Chemistry 101	4 " "	Chemistry 102	4 " "
History 101	3 " "	History 102	3 " "
Library Science 101	1 " "	Health 102	2 " "
P. Ed.	1 " "	P. Ed.	1 " "
	16		17
	Second Year		
Chemistry 240	4 " "	Zool. 321	4 " "
Speech 101	2 " "	Speech 105	2 " "
Physics 101	4 " "	Physics 103	4 " "
Social Sci. 201	3 " "	Social Sci. 202	3 " "
P. Ed.	1 " "	P. Ed.	1 " "
Elective	3 " "	Elective	3 " "
	17		17

COURSES OF INSTRUCTION

Key to Abbreviations

I— A course given in the first semester.
II— A course given in the second semester.
I, II— A semester course given in each semester.
I and II— A course given throughout the year.
Hrs.— Number of credit hours per course.
PR— Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer Session is printed in the Summer Session Bulletin.

ART

Mr. Freed, Mr. Schroder, and Staff

111. Creative Expression in the Fine Arts. I, II. Two hours.
A course for teachers who will be expected to teach the elements of drawing and painting. . Staff.

113. Drawing from Life. I. Two hours.
Posed model in repose and also action. Anatomical studies. Mr. Freed.

114. Drawing from Life. II. Two hours.
Mr. Schroder

116. Etching. II. Two hours.
Study of processes of print making by use of copper and zinc plates. Acids, grounds, burin, aquatint, and textures. Mr. Freed.

117. Lithography. I. Two hours.
Study of materials and methods of making drawings on stone and printing with use of an offset press. Mr. Schroder.

118. Lettering. I. Two hours.
Use of lettering in various ways to express an idea. Practice with pen and brush. Mr. Freed.

119. Ceramics. I. Two hours.
Methods and materials in making and glazing ceramic sculpture and pottery. Mr. Freed.

121. Sculpture. I. Two hours.
Abstract analysis of sculpture. Work in cardboard, wire,, wood constructions, clay, plastics. Mr. Schroder.

122. Painting. I. Two hours.
Methods and materials of painting in oil. Mr. Schroder.

210. **Ancient Art. I.** Two hours.
A history of art and architecture from prehistoric times to the fall of the Roman Empire, including a survey of primitive arts in Africa, the Pacific Islands, and Central and North America, and the arts in Egypt, Babylonia, Assyria, Persia, the Minean civilization, Greece, the Hellenistic world, and Rome. Mr. Freed.

211. **Creative Expression in Applied Arts. I. II.** Two hours.
A general crafts course for classroom teachers. Staff.

212. **Contemporary Art. II.** Two hours.
Art and architecture from 1900 to the present in Europe and America. Analysis of Art movements known as fauvism, cubism, futurism, abstraction,, expressionism, surrealism, and the "International" style in architecture. Relationship of ancient to modern art. Mr. Schroder.

213. **Lithography. II** Two hours.
Continuation of 117. Mr. Schroder.

214. **Drawing from Life. 1** Two hours.
Posed model. Increased attention to functional use of form in space. Mr. Freed.

215. **Etching. I.** Two hours.
Continuation of 116 with emphasis on experimentation with the medium. Mr. Freed.

216. **Etching. II.** Two hours.
Continued experidentation, use of color in prints. PR. 116.. Mr. Freed.

217. **Layouts in Advertising and Window Display. I.** Two hours.
Use of design and lettering in a problem for newspaper, magazine and poster. PR, 118. Mr. Freed.

218. **Illustration. II.** Two hours.
Mr. Freed.

219. **Ceramics. I.** Two hours.
Handling of clay in pottery and small figurines for use in firing and glazing. Experiments with glazes. Mr. Freed.

221. **Sculpture. II.** Two hours.
Modeling clay and plaster with use of an armature. Casting in plaster. Bronzing. Mr. Schroder.

222. **Painting in Oil. I.** Two hours.
Mr. Schroder.

224. **Painting in Watercolor. II.** Two hours.
Mr. Freed.

305. **High School Arts and Crafts. II.** Two hours.
Survey of all crafts generally taught at the high school level for the benefit of prospective secondary school teachers. Staff.

309. **General Crafts for Elementary Teachers. II.** Two hours.
A course designed to prepare elementary teachers to conduct crafts classes in the grades. Staff.

310. **Italian and Northern Renaissance Art. I.** Three hours.
A critical and historical study of painting, sculpture, and architecture in Italy from to 1400 to 1800 with particular emphasis on the great artists of the early and high Renaissance; also a study of painting. Sculpture and architecture from 1400 to 1800 in the Netherlands, Germany, Spain,, France, and England. Mr. Schroder.

311. **History and Appreciation of Art.** Two hours.
Survey of the history of art from ancient to modern times.
Mr. Schroder.

313. **Drawing and Painting from Life. II.** Three hours.
Work with posed models. Mr. Freed.

314. **Medieval and 19th Century Art. II.** Three hours.
Development of art and architecture from about 300 A.D. to 1400. The character of the Early Christian, Byzantine, Carolingian, Saracenic, Romanesque, and Gothic civilization is analyzed. Also, history and criticism of 19th century art and architecture in Europe and America. Analysis of art movements known as neo-classicism, romanticism, post-impressionism, the academic styles in the various arts, and the development of landscape painting. Mr. Schroder.

315. **Printmaking. I.** Three hours.
Advanced study in etching and engraving. Mr. Freed.

316.. **Printmaking. II.** Three hours.
Experiments in combining use of etching and lithography. Mr. Freed.

317. **Fashion Design. I.** Three hours.
Mr. Freed.

318. **Fashion Design. II.** Three hours.
Mr. Freed.

319. **Ceramics. I.** Three hours.
Experimental study with glazes in pottery and figurines. PR, 219.
Mr. Freed.

320. **Materials and Techniques in Elementary Art. II.** Two hours.
A methods course designed to give an insight into the problems of planning and teaching Art at various grade levels. Staff.

321. **Sculpture. II.** Three hours.
Carving in wood and stone. Mr. Schroder.

322. **Painting in Oil. II.** Three hours.
PR, 222. Mr. Schroder.

323. **Painting in Gouache. II.** Three hours.
Mr. Freed.

410. **Seminar in Art. I.** Two hours.
Mr. Freed.

416. **Printmaking. II.** Three hours.
Continuation of 315. Mr. Freed.

417. **Interior Design. I.** Thre hours.
Study of period styles. Creation of new forms for interiors. Mr. Freed.

418. **Interior Design. II.** Three hours.
Continuation of 417. Mr. Freed.

419. **Ceramics. I.** Three hours.
Continuation of 319. Mr. Freed.

421. **Sculpture. II.** Three hours.
Carving in wood and stone. Continuation of 321. Mr. Schroder.

422. **Painting in Any Medium. I.** Three hours.
PR, 322 or 323. Mr. Freed

428. **Mural Design. II.** Three hours.
Mr. Freed.

427. **Industrial Design. I.** Three hours.
Mr. Freed.

432. **Painting. II.** Three hours.
Continuation of 422. Mr. Schroder.

433. **Printmaking. II.** Three hours.
Continuation of 316. Mr. Freed.

BIOLOGY

Mr. Davisson and Staff

101. **Introduction to Biology. I.** Three hours..
A course in general biology with a new approach. Designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Mr. Davisson.

102. **Introduction to Biology. II.** Three hours.
PR, 101. Mr. Davisson.

104. **General Biology. I.** Four hours.
This course, and the one following, constitute a year's study in the biological principles governing living things. Mr. Davisson.

105. **General Biology. II.** Four hours.
Continuation of 104. Mr. Davisson.

420. **Biological Survey. I, II.** Two-three hours.
A survey of local biological materials, their collection, preservation, and preparation. Mr. Roberts.

BOTANY

Mr. Roberts, Mr. Hunt

101. **General Botany. I.** Four hours.
Preliminary to all advanced courses in Botany, although Biology 104. 105 may be substituted. Mr. Roberts.

102. **General Botany. II.** Four hours.
Continuation of 101. . Mr. Roberts.

103. **General Botany. I, II.** Four hours.
A single semester survey course. Mr. Roberts.

122. **Characteristics of Materials. I, II.** Two hours.
A course in the identification and characteristics of the various materials used in industry. Required of Industrial Arts major students.
Mr. Roberts

124N. **Microbiology. I.** Three hours.
Open only to students of the Fairmont General Hospital School of Nursing. Mr. Hunt.

230. **Systematic Botany. II.** Two-Three hours.
Identification of seed plants. Mr. Roberts.

240. **Plant Ecology. I.** Four hours.

310. **Plant Physiology. I.** Two-Four hours.

312. **Garden Materials. II.** Two-three hours.
Materials, methods, and fundamentals of home landscaping.

316. **Economic Botany. I.** Three hours.

324. **Bacteriology. II.** Three hours.

330. **Field Botany. II.** Two-three hours.

340. **Morphology of Algae and Fungi.** Four hours.

361. **Plant Histology. II.** Three hours.
Techniques and preparation of materials. Mr. Roberts.

371. **Plant Anatomy. II.** Two-four hours.

400. Bryophytes and Pteridophytes. I. Three-five hours.

411. **Spermatophytes. II.** Four hours.

415. **Problems Course. I, II.** Two-five hours.
Advanced work on special phases of Botany. Mr. Roberts.

BUSINESS AND ECONOMICS

Mr. Jaynes, Mr. Potesta, Mr. Layer, and Staff

BUSINESS

102. **Principles of Business. I.** Three hours.
An introduction to the various fields of business to acquaint the student with the basic principles of each field and to prepare him for the advanced courses in the several fields. It provides the student, early in his college training, with the information concerning the advanced courses to aid in choosing his major studies. Mr. Jaynes.

201. **Principles of Accounting. I.** Three hours.
Fundamental bookkeeping procedures. Organization of accounts, journalizing, and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial statements. The theory of debts and credits. Mr. Potesta.

202. **Principles of Accounting. II.** Three hours.
Continuation of 201, introducing accounts peculiar to partnerships and corporations. PR, Bus. 201. Mr. Potesta.

205. **Salesmanship. I, II.** Three hours.
Also listed as Ret. 205. Staff.

211. **Business Correspondence. I.** Two hours.
A study of the vocabulary and technique of business writing. Correct English usage in modern business forms and letters. PR, Eng. 103, 107. Staff.

220. **Principles of Advertising. I, II.** Three hours.
Also listed as Jour. 220. Mr. House

301. **Advanced Accounting. I.** Three hours.
Interpretation and use of accounting data. A consideration of the evaluation of assets,, depreciation, appraisal and depletion of fixed assets; intangibles; current, contingent, and fixed liabilities; capital stock, surplus and reserves. PR. Bus. 201, 202. Mr. Potesta.

302. Advanced Accounting. II. Three hours.
Continuation of 301. Valuation of accounts, working capital, profit and loss analysis, comparative statements, and source and application of funds. PR, Bus. 201, 202, 301. Mr. Potesta.

304. **Marketing. II.** Three hours.
A study of marketing (exchange) organization. Marketing principles and practices. Survey of marketing problems. PR, Econ. 201, 202. Mr. Jaynes.

306. **Business Law. I.** Three hours.
The principal laws applicable to business. A survey of laws governing business organization, contracts, business practices. The legal basis of business, private property, and other economic institutions. Staff.

307. **Business Law. II.** Three hours.
Continuation of 306. Staff.

308. **Industrial Relations. I.** Three hours.
A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans,, collective bargaining, personnel records and research. Mr. Jaynes.

309. **Industrial Organization and Management. II.** Three hours.
A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. I.** Three hours.
The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results.
Mr. Jaynes.

312. **Principles of Insurance. II.** Three hours.
A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plan as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management. II.** Three hours.
The study of office management principles. Analysis of office procedures, filing, transcribing, correspondence, reports, business machine operating and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff.

401. **Business Finance. II.** Three hours.
A study of the principles, practices, and business forms used in financing modern corporations and other business. PR,,, Econ. 201,, 202; Bus. 201, 202. Mr. Jaynes.

402. **Production Management. I.** Three hours.
The principles of economics applicable to production. The principles of scientific management. Incentives in production and incentive plans. Wages and wage rate determinations. Job analysis. Psychological motives in labor supervision and production. Plant layout and organization. Departmental setups. Planning production. Industrial engineering principles. Management principles in production. PR, Econ. 201. 202, 302; Bus. 201, 202, 301, 302, 304, and 306. Mr. Jaynes.

404. **Cost Accounting.** Three hours.
Elements and methods of cost finding. Methods of collecting and recording the costs of material, labor, and overhead. Cost control as applied to various subsidiary ledgers and perpetual inventory. PR, Bus. 201, 202, 301 and 302. Mr. Potesta.

405. **Auditing.** Three hours.
Duties and responsibilities of auditors; methods of verification of balance sheet and profit and loss accounts; working papers and schedules, audit reports and certificates. PR, Bus. 201, 202, 301, 302, 404.
Mr. Potesta.

406. **Federal Income Tax Accounting: Individual.** Three hours.
Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Mr. Potesta.

407. **Federal Income Tax Accounting: Partnership and Corporation.** Two hours.
Continuation of 406, including preparation of income tax returns from accounts of partnerships and corporations. PR, Bus. 406.
Mr. Potesta

408. **Payroll Accounting.** Two hours.
A study of accounting procedure and technique for payrolls, particularly involving the Social Security Act, Federal Withholding Tax Act, and Unemployment Compensation Act. PR, Bus. 201, 202, 301, 302.
Mr. Potesta.

409. **Municipal Accounting.** Two hours.
Principles of governmental accounting and fiscal administration; accounting for funds; revenues and expenditures; assets and liabilities; and federal accounting. PR, Bus. 201, 202, 301, 302. Mr. Potesta.

410. **Investments. II.** Three hours.
A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc Mr. Jaynes.

ECONOMICS

101. **Economic Development of the United States. I.** Three hours.
Economic development of the United States from colonial days to the present time. The principal topics are mining, agriculture, manufacturing, money and banking, trade, tariffs, etc. Mr. Layer.

201. **Economic Principles and Problems. I, II.** Three hours.
Fundamental economic concepts. The nature, form, size of production. Theories of value and price determination. Distribution theory. Rent, wages, interest, profits. Money, credit, and banking theory. International trade principles. The business cycle. Labor theory. Government and economics. The principles and laws of economic activity. **Staff.**

202. **Economic Principles and Problems. I, II.** Three hours.
Survey current economic problems. Monopoly. Price problems. Agricultural problems. Transportation problems. International Trade Problems. The Tariff. Labor Relations and Labor Problems. Social Security. Labor and Social Legislation. PR, Econ. 201. **Staff.**

302. **Economics of Labor. II.** Three hours.
Labor economic theory. Wage theory. Labor unions. Union organization and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. PR, Econ. 201, 202. Mr. Jaynes.

303.. **Money, Credit and Banking. I.** Three hours.
An intensive study of money and credit principles with an analysis of their effects upon prices. History of money. History of banking. Banking principles and practices. PR, Econ. 201. Mr. Layer.

304. **Business Cycles. II.** Three hours.
A study of the nature, causes, and control of business fluctuations. Includes an analysis of time series; measurement and description of cycles; analysis of numerous explanations of cycles; methods of controlling the cycle through monetary management, public works, consumption, price and wage policies. Mr. Layer.

305. **Economic Principles. I, II.** Three hours.
This course is planned for those students, possessing only a general interest in the field of Economics, who desire some knowledge of the organization and functions of our economic system. Economics major students should not elect this course. Staff.

306. **Economic Problems. I, II.** Three hours.
A study of the principal economic problems, current at any given time, designed to acquaint the student with the pertinent economic facts involved. This course is intended for students with a general interest only in the field, not for students majoring in Economics. Students who have credit for Econ. 301 will not be given credit for Econ. 306. PR, 305. Staff.

402. **Public Finance. I.** Three hours.
A study of the principles of taxation. The fiscal organization of the federal, state, ,and local governments with past and present fiscal practices. PR, Econ. 201, 202; Bus. 201, 202. Mr. Layer.

403. **International Economics. II..** Thre hours.
The principles and practices of international trade. The tariff and reciprocal trade relations. International investments. Imperialism. The economic bases for international relations. PR, Econ. 201, 202. Mr. Layer.

404. **Comparative Economic Systems. I.** Two hours.
An analysis of the basic economic principles and concepts of capitalism, socialism, communism, fascism, cooperativism. PR, Econ. 201, 202. Mr. Layer.

405. **History of Economic Thought. II.** Two hours.
A study of economic thought from the beginning of time through the Greeks and Romans, medieval thought, mercantilists, Adam Smith, Ricardo, Mill and Marshall, Austrian school, German thinkers, and various American economists and schools of thought. PR, Econ. 201, 202. Mr. Layer.

406. **Guided Economic Study and Research. I, II.** One-two hours.
Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems such as Labor Relations, and others. Reports and analytical interpretations. both oral and written, required. PR, 18 hours of Economics; 30-34 hours Economics, Business and Social Science courses. Mr. Layer.

407. **Advanced Economic Problems. II.** Three hours.
A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Mr. Layer.

CHEMISTRY

Mr. Ward, Mr. Haught, and Staff

101. **General Chemistry. I.** Four hours.

102. **General Chemistry. II.** Four hours.
PR, Chemistry 101.

107N. **Chemistry for Nurses.** Three hours.

201. **Qualitative Analysis. II.** Four hours.
PR, Chemistry 102.

240. **Quantitative Analysis. I.** Four hours.
PR, Chemistry 102.

241. **Quantitative Analysis. II.** Four hours.
PR, Chemistry 240.

301. **Organic Chemistry. I.** Four hours.
PR, Chemistry 201,, 241.

303. **Organic Chemistry. II.** Four hours.
PR, Chemistry 301.

405. **Physical Chemistry. I.** Five hours.
PR, Chemistry 241, 303. (Not offered, 1949-1950)

406. **Physical Chemistry. II.** Five hours.
PR, Chemistry 105. (Not offered, 1949-1950)

EDUCATION

Mr. Howard, Mr. Taylor, Mr. Collins and Staff

201. **Introduction to Education. II.** Three hours.
A survey of the educational system in the United States from Colonial times to the present; introduction to its present trends, policies, and problems. A required course for students seeking certification in Pennsylvania, but also intended for any student as a background for citizenship. Staff.

202. **Human Growth and Development. I. II.** Three hours.
The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. Staff.

203. **Human Growth and Development. I, II.** Three hours.
This course emphasizes learning as a means of growth and development. Laboratory and field work are required. Staff.

220. **Rural Education. I.** Two hours.
Consideration is given to the major problems of the teachers of one-teacher schools in rural West Virginia. Mr. Taylor.

226. **Elementary Methods. I.** Three hours.
This course includes two semester hours of primary methods. It is designed to provide for the needs of students preparing for the Third Class Elementary Certificate and for Curricula B and C certification. Mr. Collins.

250. **Observation and Directed Teaching: Third Class Elementary Certificate. I, II.** Three hours.
Student teaching must be on two levels; primary, and intermediate or upper grade level. PR, Ed. 202, 203, 226. Mr. Collins.

324. **Organization of the West Virginia School System and the Program of Study for the Elementary Schools. I.** Two hours.
The State School System is surveyed, and the State Elementary Course of study is examined. Staff.

325. **Human Adjustment. I, II.** Three hours.
The development of a normal personality and the prevention of maladjustments are emphasized. PR, Ed. 202, 203. Staff.

332. **Principles and Methods of Teaching in the Secondary School. I, II.** Four hours.

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR, Ed. 202, 203. Mr. Taylor.

336. **Advanced Elementary Methods. II.** Three hours.

A study will be made in this course of child growth and learning in grades four to eight. Observation of teaching is required. Mr. Collins.

341. **Techniques in Diagnostic Reading. I.** Two hours.

This course is designed to give students experiences in diagnosing various types of reading difficulties or dificiencies. It will consist of observations, demonstrations, discussion and laboratory work. Staff.

390. **History of Education. II.** Two hours.

A general historical survey of the development of education, and the influence of the great philosophers upon modern thinking. Prerequisite: ten hours in Education and six hours in European History or World Civilization. Staff.

395. **Survey of Guidance. I, II.** Two hours.

Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR, Ed. 202, 203. Mr. Howard.

420. **Observation and Directed Teaching: Curriculum B. I, II.** Two-six hours.

Student teaching must be on two levels. PR, Ed. 202, 203, 226, 336. Mr. Collins.

422. **Integrated Methods: Curriculum C. II.** Three hours.

A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR, Ed. 202, 226. Mr. Collins.

423. **Co-Curricular Activities. I.** Two hours.

A study of the techniques of organization and administration of co-curricular activities.. PR, Ed. 202, 203. Mr. Taylor.

424. **Audio-Visual Aids. II.** Two hours.

Techniques of effective use of graphic materials, unprojected pictures. objects, specimens, models, field journey, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipment. Staff.

425. **Observation and Directed Teaching: Curriculum C. I, II.** Six hours.

A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR, Ed. 202, 203, 226, 325, 422. Mr. Collins.

430. **Tests and Measurements in the Public Schools. I.** Three hours.

The two-fold purpose of this course is to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR, Ed. 202, 203. Mr. Howard.

431. **Materials and Methods. I, II.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing the approval of the chairman of the Curriculum Committee and the Chairman of the Department of Education. PR, 202, 203, 332.

450. **Observation and Directed Teaching: Curriculum A. I, II.** Sxi hours.
Two consecutive hours should be reserved for this course. Observation and student teaching is generally required in two areas of concentration or teaching fields. PR, 202, 203, 325, 332. Mr. Taylor.

455. **Philosophy of Education. I.** Two hours.
This course undertakes the exposition of some of the classic philosophies of education for the assistance they may give in the solution of the problems of our democratic society. Mr. Howard.

460. **Current Trends in Education. I. II.** Var. Cr.
This is a technical course for advanced students who are interested in doing research in specific educational problems. Staff.

ENGINEERING

Mr. Shutts, Mr. Wise, Mr. Carmichael

112. **Machine Shop.** Three hours.
This course is an introductory course in the care and use of machines, safety practices, etc. Work on the lathe will be emphasized. Several projects in simple machine work are to be developed by the students. Mr. Carmichael.

113. **Mechanical Drawing.** Three hours.
This course is designed especially for pre-engineering students. The following topics are studied: care and use of instruments, lettering, orthographic projections, use of auxiliary projections, isometric projections, tracing and blue printing. Mr. Wise.

115. **Welding and Heat Treatment.** Two hours.
Designed especially for engineering students, this course consists of lectures, recitations, demonstrations, and shop practices on oxy-acetylene, electric and resistance welding of pipes, tubing and plates. Some opportunity will be given for practice in the molding and casting of ferrous and non-ferrous metals. Mr. Carmichael.

131. **Descriptive Geometry. II.** Three hours.
PR, Engr. 113 and Math 121. Mr. Wise.

201. **Mechanics. I.** Three hours.
This course is designed especially for pre-engineering students. The following topics are studied: resultants of force systems, equilibrium of force systems, first moments and centroids. PR, Math. 231 and Physics 210. Mr. Shutts, Mrs. Ford.

202. **Mechanics. II.** Three hours.
This course is a continuation of Engr. 201. The following topics are studied: motion of a body, work and energy, impulse and momentum, second moments. Mr. Shutts, Mrs. Ford.

207. **Mechanism. II.** Two-four hours.
A course designed for pre-engineering students and consisting of lectures and graphical solutions of engineering problems. PR 113, 131. Staff

209. **Elements of Machine Design.** Two hours.
This course is designed to give pre-engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw fillings, limits, tolerance and allowance. Mr. Wise.

241. **Plane Surveying. I.** Three hours.
PR, Math. 231. Mr. Shutts.

ENGLISH

Mr. Fryxell, Miss Tate, Mr. Opp, Mr. Rhodes, Miss Lucker, and Staff

102. **First Year Written and Spoken English. I, II.** Three hours.
Training in the mechanics of writing and in the use of reference books; attention to vocabulary building and to correct speech; themes and speech exercises. For students in Curricula B and C. Miss Tate.

103. **Freshman Composition. I, II.** Three hours.
Study of the principles of writing. Miss Lucker and Staff.

104. **First Year Written and Spoken English. II.** Three hours.
Continuation of English 102. Miss Tate.

107. **Freshman Composition. II.** Three hours.
A laboratory course in writing. PR, English 103.
Miss Lucker and Staff.

121. **Introduction to the Study of Poetry. II.** Three hours.
A foundational course in poetry Mr. Rhodes

207. **Backgrounds of Literature. I.** Three hours.
A survey of literature desirable for children; development of principles of selection and standards of evaluation; training in presenting poetry and stories. Miss Tate.

208. **Second Year Written and Spoken English. II.** Three hours.
Development of ability to communicate in clear, effective correct English, with emphasis on preparation and delivery of representative types of speech. PR, English 102, 104. Mr. Wallman.

213. **American Literature to 1860. I.** Three hours.
A study of the different periods and the various types of literature up to 1860. Miss Tate, Miss Lucker.

214. **American Literature from 1860 to the Present Time. II.** Three hours.
Continuation of English 213. Miss Tate, Miss Lucker.

223. **The Old Testament. I.** Three hours.
A study of the literary types and content of the Old Testament.
Mr. Rhodes.

224. **The New Testament. II.** Three hours.
A study of the literary types and content of the New Testament.
Mr. Rhodes.

225. **The Modern Novel. I.** Three hours.
Historical study of the development of the novel. Reading and critical study of the best British and American fiction. Mr. Opp.

226. **Modern British and American Poetry. II.** Three hours.
Reading and study of contemporary poetry; lectures and discussions on the new poetry movement. Mr. Opp.

241. **English Literature. I.** Three hours.
A chronological survey of the course of English literature, beginning with Beowulf. Mr. Opp, Mr. Fryxell.

242. **English Literature. II.** Three Hours.
A continuation of 241. Mr. Opp, Mr. Fryxell.

302. **Narrative and Descriptive Writing. I.** Two hours.
Study and writing of the various types of narration and description. PR, English 104 or 107. Miss Tate, Mr. Rhodes.

304. **Creative Writing. II.** One-Two hours.
Designed to give students of ability an opportunity for consultation and guidance in their writing. Does not substitute for any required course. Staff.

313. **Shakespeare. I.** Three hours.
A study of representative Shakespearian comedies. Mr. Fryxell.

314. **Shakespeare. II.** Three hours.
A study of representative Shakespearian tragedies. Mr. Fryxell.

316. **Nineteenth Century Literature. II.** Three hours.
A survey of the essays, fiction, and poetry of the nineteenth century. Mr. Opp.

318. **Modern Drama. II.** Three hours.
The history of the British drama and the study of modern dramas—British, Continental, and American. Miss Tate.

321. **A Study of the English Language. I.** Three hours.
A presentation of the techniques of English, diction and word analysis, letter writing, use of the library, prosody, and figures of speech. PR, English 104 or 107. Miss Tate.

322. **The Modern Short Story. II.** Two hours.
A study of the development of the short story and general reading of representative types and authors. Mr. Opp.

341. **World Literature. I.** Three hours.
A study in translation of some of the great writers of the world from from Homer through Dante. Mr. Fryxell.

342. **World Literature. II.** Three hours.
A continuation of 341, covering the period from the Renaissance to modern times. Mr. Fryxell.

351. **Study and Appreciation of English Literature. I.** Three hours.
A study of the types of poetry and a survey course. Mr. Opp, Mr. Fryxell.

352. **Study and Appreciation of English Literature. II.** Three hours.
A continuation of 351. Mr. Opp, Mr. Fryxell.

361. **Study and Appreciation of American Literature. I.** Three hours.
Major authors from Jonathan Edwards to Robert Frost. Miss Tate, Miss Lucker.

362. **Study and Appreciation of American Literature. II.** Three hours.
A continuation of 361. Miss Tate, Miss Lucker.

371. **Folk Literature. I. II.** Three hours.
A study of the literature of the people, including such items as children's ballads, folk songs, popular stories, sayings, etc. Miss Musick

391. **Guided Reading. I, II.** One hour.
Reading in various types of literature, with conferences and group discussions. Staff.

402. **Criticism and Appreciation of Literature. II.** Three hours.
Study of critical theories and standards of evaluation. Application to specific types and selections. Miss Tate.

413. **Expository Writing. II.** Two hours.
Study of diction, sentences, paragraphing. Writing of research papers. PR, English 104 or 107. Miss Tate, Mr. Rhodes.

421. **Interpretation of Poetry. II.** Three hours.
A study of the meaning of poetry and the use of poetry as choric speech. Mr. Rhodes.

451. **Chaucer. II.** Three hours.
A study of The Canterbury Tales, primarily from a literary point of view, secondarily from the linguistic side. Mr. Fryxell.

FRENCH

Mrs. Cross

101. **Elementary French. I.** Three hours.
Pronunciation, early reading for comprehension of easy prose, elements of grammar, regular verbs and common irregular verbs, oral and written drill and composition.

102. **Intermediate French. II.** Three hours.
Continuation of 101. One unit of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French, I.** Three Hours.
The aim is to learn to use the language in easy idiomatic writing, with grammar as a means to this end. PR, 101, 102, or two units of high school French.

202. **Second Year French. I.** Three hours.
Pronunciation, oral reading, and conversation. PR, same as for 201.

301. **Literature of the Seventeenth Century. I.** Three hours.
Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR, two years of college French or equivalent.

302. **Literature of the Eighteenth Century. II.** Three hours.
Especial emphasis on the writings of Rousseau and Voltaire with outside reading on the other writers. PR, same as for 301.

309. **Advanced Grammar and Composition. I.** Two hours.
Emphasis on grammar, not only as something to be learned, but as something to be taught.

310. **Advanced Conversation. II.** Two hours.
Prepared talks and free conversation on subjects of practical interest in everyday life.

GEOGRAPHY

Staff

101. **Principles of Geography. I.** Three hours.
Introduction to major world regions; bases of natural and cultural regionalism; includes general fundamentals and concepts of geography.

102. **Principles of Geography. II.** Three hours.
A continuation of 101; regional economic relations using various regions of the earth as the basis for the development of principles; emphasis on dominant political regions.

201. **Physical Geography. I, II.** Three hours.
The natural landscape; land and water bodies; elements of climate and weather; earth materials and forms; modification of natural landscape by human cultures; synthesis of natural regionalism

204. **Economic Geography. II.** Three hours.
Relationship of the production of goods and services to the natural landscape; resource content and human activity in the various regions of the world; the economic activities of man in their physical and cultural setting.

205. **Geography of North America. I.** Three hours.
Bases of American regionalism: major economic cultural, and physical areas of continental United States and Canada; non-contiguous regions under American control; Gulf and Caribbean interests of the United States; world competitive and trade position of the United States.

207. **Geography of Europe. II.** Three hours.
Differentiation of major natural and cultural regions; analysis and characterization of present political units; continental and world relations of major countries.

301. **Regional Geography. I.** Three hours.
A composite course of condensed materials taken from 101, 201, and 305. The subject matter is integrated to give a rapid consideration to the major world regions, introducing fundamental principles and elements in a political-geographic analysis of a state incidentally.

302. **The Asiatic World. I, II.** Three hours
Description and interpretation of major natural and cultural regions of Asia; interrelationships of principal native cultures; Chinese, Indian, Japanese, Malaysian, and those of the near Orient; Asia and modern western culture and imperialism. PR, Geography 201 or equivalent.

304. **The African World. I, II.** Three hours.
Africa as the "Dark Continent"; historic and modern significance; description and delimitation of major natural regions; racial Africa; dominant native cultures, characteristics, distribution, and interrelationships; Africa and European imperialism. PR, Geography 201 or equivalent.

305. **World Political Geography. I.** Three hours.
The state and its areal expression; type and functional classification of the present divisions of the world; factors in delimitation of states; evolution of the present nation-states system; areal aspects and problems of super-state organization.

308. **Geography of Latin America. I, II.** Three hours.
World significance and relations; delimitation, characterization, and conformity of major natural and cultural regions; analysis of individual countries; Latin America and Pan-Americanism. PR, Geography 205 or 301, or 101 and 102.

309. **Cartography and Map Interpretation. I, II.** Three hours.
Elements of map reading and construction including history and evolution of the principal map projections; evaluation and use of the many types of maps and charts in use today.

320. **Meteorology and Climatology. II.** Three hours.
The elements of weather and climate: physics of the air, including temperature, pressure, clouds, humidity, precipitation, storms, winds, weather-map interpretation, weather forecasting; description and evaluation of the forces and factors that result in regional differentiation of atmospheric conditions throughout the world.

330. **Conservation of Natural Resources. II.** Three hours.
The problems of availability, production, exploitation, appraisal, distribution, and renewability of natural resources. Resources exhaustion and the national and international problems it has created and will create.

415. **Problems in Geography.** Three hours.
Travel-study course.

417. **The American Indian. I.** Three hours.
A general study of the Indian in North and South America. The course includes a survey of racial affiliations and characteristics, migrations, pre-historic cultures, and the material and non-material culture of historic groups. Special attention will be given to the culture area concept and to the high aboriginal cultures such as the Pueblo Dwellers, Aztecs, Mayas and Incas.

419. **Geography of the Soviet Union. II.** Three huors.
A non-political, factual survey of the physiography, climate, soils, minerals, agricultural products, water power, transportation and industries of the Soviet Union. The linguistic and cultural groups will also be treated. Particular attention will be paid to (1) the geographic factors of location and (2) the development of natural resources under the Five Year Plans.

GEOLOGY

Staff

201. **Geology: Physical. I.** Four hours
Nature and structure of the materials composing the earth; processes which have shaped or are shaping the earth; rocks, minerals, and soils; agents of weathering and erosion; topographic features and their origins; surface and subsurface waters; glaciers and glaciation; rock structures and their economic significance.

202. **Geology: Historical. II.** Four hours.
Origin and geological history of the earth and the evolution of its animal and plant inhabitants; pre-history as revealed in the rocks of the earth's crust. PR. Geol. 101 or Geog. 201.

GERMAN

Miss Ice

101. **First Year German. I.** Three hours.

102. **First Year German. II.** Three hours.
PR, 101 or one unit of high school German.

201. **Intermediate German. I.** Three hours.
Reading, composition, conversation. PR: 102 or equivalent.

202. **Intermediate German. II.** PR: 201 or equivalent. Three hours.

HISTORY

Mr. Lindley, Miss Crystal, Mr. Taylor, and Staff

101. **World Civilization. I.** Three hours.
Part I—Ancient and Medieval political systems and cultures with particular emphasis on the rise of western civilization. Mr. Lindley.

102. **World Civilization. II.** Three hours.

Part II—The rise of national governments and cultures, the advance of western civilization and the twentieth century conflict in politics and ideology. Mr. Lindley.

Hist. 101 and 102 are recommended for teachers seeking certification in Social Science and for freshmen not preparing for teaching.

203. **Economic History of the United States. I.** Three hours.

The main trends in the development of the economic life of the people of the United States as revealed in their institutions, agriculture, industry, trade, etc. Miss Crystal.

204. **Social History of the United States. II.** Three hours.

A survey of the social history of the people of the United States. Miss Crystal.

205. **Contemporary Affairs. I, II.** Two hours.

A study of the United States contemporary affairs in their world setting. Miss Crystal.

207. **A Survey of the United States History. I.** Three hours.

Part I—A survey of the United States history from the European background to the Civil War. The course includes a study of the political, social, economic, and cultural forces in their world setting. Considerable stress is placed on the origin and development of the Constitution. Miss Crystal, Mr. Taylor.

208. **A Survey of the United States History. II.** Three hours.

Part II—A continuation of History 207. The emergence and problems of modern United States, from the Civil War to the present. Miss Crystal, Mr. Taylor.

221. **Modern Europe. I.** Three hours.

Part I—Early modern culture, the Reformation and the rise of the national state system, the economic revolutions and the French revolution. Mr. Lindley.

222. **Modern Europe. II.** Three hours.

Part II—Democracy and nationalism in the nineteenth cntury, international conflict and world order, modern and contemporary culture. Mr. Lindley.

302. **History of West Virginia. I, II.** Three hours.

The geography, history and government of West Virginia considered as a unified study of a region. Miss Crystal

304. **United States and Latin America. II.** Three hours.

A study of the United States in relation to Latin American affairs. Emphasis is on United States-Latin American relations from the Monroe Doctrine to the present. Miss Crystal.

305. **History of United States Foreign Policy. I.** Three hours.

A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, events leading to the First and Second World Wars, and the problems of the post war period. Mr. Taylor

306. **History of Latin America. I.** Three hours.

A survey of the history of Latin America from the conquest to the present. Mr. Lindley.

307. **English History. Part I, I.** Two hours.
The story of England to the Glorious Revolution. Mr. Lindley.

308. **English History. Part II. II.** Two hours.
England from the Glorious Revolution to the present. This course is particularly useful for Pre-Law students as well as for History and Social Studies majors and minors. Mr. Lindley.

309. **History of Western Culture. I.** Three hours
A study of the prevailing political, social, philosophical, religious and other cultural ideas and systems from the beginning of history to the Middle Ages. PR,, 6 hours of European History or World Civilization. Mr. Lindley.

310. **History of Western Culture. II.** Three hours
The same to our own time. 309-310 is recommended for History and Social Studies majors and minors and for mature students in whatever field of specialization who have the prerequisite. Mr. Lindley.

311. **Contemporary Mexico.** Six hours.
An intensive field study for six weeks of Mexican geography, government, politics, economy, society and culture. Mr. Lindley.

315. **Colonial History of the United States. I.** Two hours.
A detailed study of the European background of United States history and the political, social and economic developments through the Revolutionary war. Mr. Taylor.

316. **Jeffersonian and Jacksonian Democracy. II.** Two hours.
A detailed study of the United States history from the Revolutionary War to 1840 with special emphasis on the origin and development of the Federal constitution and Jeffersonian and Jacksonian Democracy. Mr. Taylor.

401. **Recent History of the United States. I.** Three hours.
A detailed study of the history of the United States from the Civil War to the First World War. Miss Crystal.

402. **Contemporary Europe. II.** Three hours.
An intensive study of the contemporary period of international conflict and the struggle for world order and stability. PR, History 101-102 or 221-222. Mr. Lindley.

410. **United States Since the First World War. II.** Three hours.
An intensive study of the history of the United States from the First World War to the present. Miss Crystal.

460. A and B. **Guided Historical Study.** One to three hours.
Intensive reading and study about a selected subject done under careful guidance and supervision. Reading may be done in (a) American or (b) The European field. Mr. Lindley, Miss Crystal.

462. A and B. **Introduction to Historical Research and Bibliography.** Three hours.
It is the purpose of this course to give the student some training in the science of historical research and bibliography and the art of historical writing. The subject matter may be chosen from (a) American or (b) European history. A senior course, for History or Social Studies majors. Mr. Taylor.

HOME ECONOMICS

Miss Compton, Miss Richmond, Miss Miller

101. Elementary Clothing. I. Three hours.
Principles of construction and practice in fundamental processes.
Miss Compton.

102. Clothing Selection and Construction. II. Two hours.
Dress making and tailoring. PR, Home Ec. 101. Miss Compton.

104. Principles of Clothing Design. II. Two hours.
This course includes the study of line, color and texture in relation to individual types. Miss Compton.

105. Clothing Reclamation. II. One hour.
Redesigning, redecorating, reconstructing and converting garments; includes renovation and dyeing. Miss Compton.

107. Home Making. I. Three hours.
An elective course in home making, open to all freshman women, which has been planned to give students a working knowledge of the several arts involved in establishing and maintaining the average, modern home. Students earning credit in this course, who may later major in Home Economics, may apply this credit toward departmental graduation requirements, if the grade earned is "B" or better.
Miss Compton, Miss Richmond.

108. Home Making. II. Three hours.
A continuation of 107.

110N. Foods and Nutrition for Nurses. I. Three hours.
The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Food preparations suitable for liquid, ,soft and light diet. Miss Richmond.

201. Elementary Foods. I. Three hours.
Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods. PR, Chem. 101 and 102 or consent of instructor.

202. Advanced Foods. II. Three hours.
Continuation of Home Economics 201; also meal service with emphasis on cost in time and money. Miss Richmond.

203. Children's Clothing. II. Two hours.
This course includes the planning purchasing and making of children's clothing, considering hygiene. comfort, ,beauty and practicability. PR, ,Home Ec. 101. Miss Compton.

210. Textiles. I. Three hours.
A study of the important textile fibers, their manufacture, use and care. Miss Compton.

230. Handcraft. II. Two-Three hours.
Practical, leisure activities; weaving, knitting, crocheting and related crafts. Elective. Miss Compton.

301. Fundamentals of Sewing. Three hours.
Selection of fabric and style, basic construction processes, and fitting problems are emphasized in this course. Miss Compton.

302. **Meal Management.** Three hours.
Meal preparation and table service from the viewpoints of economy of time, effort and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. This course is designed especially for non-majors in the field. Miss Richmond.

303. **Nutrition. I.** Three hours.
Nutritive value of foods, raw and cooked; their relation to health of children and adults. Materials and methods of popularizing the facts of nutrition in the community. School lunch problems. Open to non-majors by consent of instructor. Meets requirements for Red Cross Nutrition Certificate. PR,, Home. Ec. 201, 202. **Miss Richmond.**

312. **Consumer Education. II.** Three hours.
How to select large and small household consumable goods. Source materials which provide consumer information; the consumer movement and legislation for consumers. Open to men and women. Miss Richmond.

315. **Home Management. II.** Three hours.
A study of the management of the home, financial and mechanical.
Miss Compton, Miss Richmond.

320. **Home Planning and Furnishing. I.** Four hours.
A study of the evolution of the house, modern houses, location, construction, from a scientific, sanitary, economic and artistic standpoint.
Miss Compton.

330. **Child Care and Development. II.** Two hours.
The care and development of the infant and pre-school child from the standpoint of home and parent. Miss Richmond.

340. **Quantity Cookery. I.** Three hours.
Practice in selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service are stressed. PR, Home Economics 303. Miss Miller.

351. **Applied Design. II.** Two hours.
Design as applied to cloth, leather, and paper. Miss Compton.

403. **Costume Design. II.** Two hours.
A practical application in cloth of the designs created. PR, or Parallel: Home Ec. 101, 102, 104. Miss Compton.

406. **Home Economics Technique. I.** Two hours.
Required for teachers. The philosophy of home economics and its historic background. Organization of teaching materials; experience before the group in such techniques as demonstration and discussion leading. Miss Richmond.

408. **Diet in Disease.** Three hours.
The diet therapy approach in disease. Staff members of Fairmont General Hospital.

410. **Advanced Textiles. II.** Three hours.
Qualitative analysis of textile fabrics. Miss Compton, Mr. Ward.

414. **Institutional Management. I.** Three hours.
A study of the organization and management problems in food service units in institutions. Emphasis will be placed on types of management; personal problems; records for control; store-room procedure; floor plans and routine; equipment and furnishings. PR, Home Economics 340.
Miss Miller.

INDUSTRIAL ARTS

Mr. Johnson, Mr. Carmichael, and Mr. Wise

101. **General Bench Wood Work.** Two hours.

A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Johnson.

104. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels.
Mr. Johnson

110. **General Shop.** Two hours.

This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Carmichael.

120. **Sheet Metal. I.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Carmichael.

122. **General Metal. I.** Two hours.

This is a course for the student who desires a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR, 120.
Mr. Carmichael.

130. **Elementary Applied Electricity.** Two hours.

A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

134. **Machine Shop. I.** Two hours.

A beginning course in the use of the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced.
Mr. Carmichael.

140. **General Mechanical Drawing.** Two hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawings, and blue printing. Pre-engineering students may substitute Engineering 113 for this course. Staff.

202. **Machine Woodworking.** Two hours.

A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems studied. Mr. Johnson.

220. **Sheet Metal. II.** Two hours.
A continuation from Sheet Metal 1. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR. 120. Mr. Carmichael.

222. **General Metal. II.** Two hours.
A course in the use of wrought iron and non-ferrous metals in the making of decorative and useful articles. PR. 122. Mr. Carmichael.

234. **Machine Shop. II.** Two hours.
A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR. 134.
Mr. Carmichael.

230. **Electricity. II.** Two hours.
A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. Mr. Wise.

242. **Architectural Drawing.** Two hours.
A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. Staff.

303. **Furniture Construction and Design. I.** Two hours.
Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for some project to be made in 304. PR. 101, 202. Mr. Johnson.

304. **Cabinet Making. I.** Two hours.
A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftmanship will be maintained. PR. 101, 102, 303. Mr. Johnson.

314. **Plastics and Crafts.** Two hours.
Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel, involving forming, embossing, chasing, planishing, etching, and spinning. Staff.

320. **Sheet Metal. III.** Two hours.
A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air-conditioning industry. Mr. Carmichael.

325. **Organization and Administration of Industrial Arts. I.** Two hours.
A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR. 12 hours of Industrial Arts courses.
Mr. Johnson.

334. **Machine Shop. III.** Two hours.
This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR. 134, 234.
Mr. Carmichael.

335. **Philosophy of Industrial Arts. II.** Three hours.
This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR. 325 and 12 hours of Ind. Arts. courses. Mr. Johnson.

342. **Architectural Drawing. II.** Two hours.
A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR. 242, 140. Staff.

345. **Acetylene Welding.** Two hours.
The care, operation, use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR. 122, 134. Mr. Carmichael.

346. **Arc Welding.** Two hours.
The care, operation, maintenance, methods, and safety precautions, necessary in the welding of the common metals by the use of the arc welder. Welding will be done with both types of welding machines. PR. 122, 134. Mr. Carmichael.

350. **Machine Drawing. I.** Two hours.
A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blue printed. Staff.

404. **Building Construction.** Two hours.
Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR. I. A. 101, 242, 342 or 12 hrs. of I. A. work. Mr. Johnson.

434. **Machine Shop. IV.** Two hours.
A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR: 134, 234, and 334. Mr. Carmichael.

442. **Architectural Drawing. IV.** Two hours.
A class in the study of the classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries, up to and including the present. PR. 242, 342. Mr. Johnson.

450. **Machine Drawing. II.** Two Hours.
This course involves a study of machine design, properties, strength of metals and alloys. A small machine will be designed, drawn, and blue printed. PR. 140, 350. Mr. Wise.

462. **Architectural Drawing. IV.** Two hours.
Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR. 242, 342, 442. Mr. Johnson.

JOURNALISM

Mr. House

140. **Introduction to Reporting. I.** Three hours.
Fundamentals of reporting; gathering and writing of news; journalism as a vocation.

212. **Principles and Problems of the Press** (see 471). **II.** Two hours.
Problems facing reporters, editors and publishers regarding ethics, libel, rights, privileges and law of the press; the treatment of publicity, propaganda, sensationalism, anti-social news.

220. **Advertising Principles and Practice. II.** Three hours.
The social, psychological, and technical aspects of advertising; its ethics, ideals, abuses, and function in society; the principles of advertising appeal; copy techniques; visualization and layout; typography and engraving. Open to journalism and business students.

240. **Advanced Reporting. II.** Three hours.
Continuation of 140 with emphasis on and practice in reporting specialized news events. PR, 140.

301. **Copy Editing and Proofreading. I.** Three hours.
Preparing all types of copy for the printer; editing, building headlines, with some emphasis on type faces. PR, 140.

302. **Newspaper Typography and Make-up. II.** Three hours.
Something of the history of printing will be given along with the theory and principles of the use of type relative to attractive make-up; selection and arrangement of illustrations. PR, 140, 240.

305. **History of Journalism. I.** Three hours.
Theory and practice of journalism from Colonial days to the present; contemporary problems in light of their historical development; growth of newspapers from organs of political parties to the social instruments of today. PR, 140, 240.

307. **Writing for Radio** (see 470). **I.** Three hours.
Survey of types of writing required in the radio field, continuity, commercials, news writing and processing. PR, 140.

311. **Magazine Feature Writing** (see 470). **I.** Three hours.
Preparing a specific type of material for a specific publication; study of editorial policy and circulation of a wide range of publications with practical exercises in slanting material toward various reader groups.

312. **School Publication Supervision.** Three hours.
How to supervise school publications; organization of editorial, advertising, circulation, and business departments of school newspapers and annuals.

401. **Business Management of Publications** (see 471). **I.** Two hours.
This course deals with the business, advertising, and circulation departments of publications, with particular emphasis on newspapers.

402. **Public Relations and Propaganda** (see 471). **II.** Three hours.
A study of the techniques used by a director of public relations; how public opinion is formed, changed.

410. **Business Journalism (see 471). II.** Two hours.
Businss and trade reporting as a specialty, writing for and editing the trade journal. PR, 140, 240.

412. **Journalism Laboratory I, II.** Three hours.
Practical experience on the college newspaper, annual, as well as on local daily newspapers. PR, 140, 240, 301.

460. **Critical Writing (see 470). I.** Two hours.
Principles of book reviewing, dramatic criticism; practice work on current movies, plays, recent books.

466. **Editorial Interpretation (see 470). I.** Two hours,
Editorial interpretation of current news and national and international problems; conduct and make-up of editorial pages; structures of the editorial, but with emphasis on thinking over writing.

470. **Journalism Survey. I.** Three hours.
For majors in journalism. Emphasis on specialized types of writing. Survey of material offered in 307, 311, 460, 466. Students will specialize in field of particular interests.

471. **Journalism Survey. II.** Three hours.
For journalism majors. Emphasis on specialized vocations growing out of journalism: advertising agency workers, business management of publications, circulation, promotion, directors of public relations, trade-paper workers, etc. Survey of material offered in 212, 401, 402, 410. Students will specialize in field of particular interests.

LATIN

Miss Terry

101. **Elementary Latin. I.** Three hours.
Prerequisite for law, medicine, business administration, etc.

102. **Elementary Latin. II.** Three hours.
Continuation of Latin 101.

201. **Intermediate Latin. I.** Three hours.
Translation course with review of syntax. PR, 101, 102 or two years of high school Latin.

204. **Roman Civiliation. II.** Two hours.
Study of arts, sciences, manners, customs, social and political life of Romans. References in both Latin and English.

225. **Cicero's Orations and Selections from other Works. II.** Three hours.
Translation of two orations against Catiline and Pro Archias; selections from Essays and Letters.

304. **Horace. II.** Three hours.
Translaion of the most important Odes and Epodes of Horace.

312. **Composition. I.** Two hours.
English to Latin translation.

314. **Composition. II.** Two hours.
Composition continued.

320. **Mythology. II.** Two hours.
This course is offered not only for the students in the Latin Department but for a good general elective suitable for a variety of majors. Teachers, particularly elementary will find it especially helpful. English majors will derive benefit from the study of the myths in relation to English literature. In art, music or any general cultural subject pertaining to a liberal education it provides a good background.

322. **Virgil. I.** Three hours.
Translation of Books I - III Aeneid.

324. **Virgil. II.** Three hours.
Translation of Books IV - VI Aeneid.

329. **Pageant of Poetry and Prose. I.** Three hours.
Trace beginnings of Latin poetry and prose from Cato to post-Augustan writers, stressing the golden age of Latin literature.

330. **Pageant of Poetry and Prose, II.** Three hours.
A continuation of 329.

427. **Livy. I.** Three hours.
Translation of selections from Ab Urbe Condita Libri, I, V, XXI, XXII, XXX together with the study of the early history of Rome.

LIBRARY SCIENCE

Mr. Jones and Staff

101. **The Use of the Library. I.** One hour.
This is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. Mr. Jones.

207. **Children's Literature and Story Telling. I.** Three hours.
This course is given as English 207. Backgrounds of Literature.
Miss Tate.

302. **School Library Administration. I.** Three hours.
A study of organization and administration of the school library. and its place in carrying out the objectives of the school program. PR, 101. Staff.

303. **Cataloging and Classification. II.** Three hours.
Introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR. 101 O.A. 101, or its equivalent. Staff.

305. **Book Selection. II.** Two hours.
Principles and methods of book selection for school libraries and the use of important bibliographic tools. PR, 101, O.A. 101, or its equivalent. Staff.

306. **Reference and Bibliography. I.** Two hours.
A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. PR, 101; O.A. 101, or its equivalent. Mr. Jones.

404. **Practice Work. I, II.** Two-three hours.
Individual work based on student's previous experience and related to student teaching when possible. Part of his work is done at the college and part in the training schools. PR, 101, 302; O.A. 101, or its equivalent.
Mr. Jones and Staff.

MATHEMATICS

Mr. Shutts, Miss Musick, Mrs. Ford and Staff

1. **Intermediate Algebra. I, II.** ½ unit.
This course is designed for students with only one unit of algebra in high school. Miss Musick.

111. **Review Algebra. I, II.** Two hours.
PR, One and one-half units of high school Algebra. Mrs. Ford.

121. **Solid Geometry. I, II.** Three hours.
PR, Plane Geometry. Mrs. Ford.

141. **Business Mathematics. I, II.** Two hours.
This course is designed especially for students in business administration. The following topics are studied: buying and selling, manufacturing, interest and banking, investments, money and credit, and social security. Opportunity is given for review in the fundamentals of arithmetic. Mrs. Ford.

203. **Practical Arithmetic.** Two hours.
This course is designed especially for students wishing to meet the mathematical requirement for the elementary certificate. Staff.

205. **General Mathematics. I.** Two-Four hours.
This course is designed especially for all students wishing to meet the mathematical requirements for public school certification. The first half of the course will meet the requirement for the elementary certificate or Math. 203. Staff.

221. **College Algebra. I, II.** Four hours.
PR, Math. 111. Miss Musick.

231. **Plane Trigonometry. I, II.** Three hours.
PR, Math. 111. Mr. Shutts.

251. **Analytic Geometry. I, II.** Four hours.
PR, Math. 221 and Math. 231. Miss Musick.

307. **Advanced Algebra. I.** Three hours.
This course is a continuation of Math. 221. Miss Musick.

311. **Navigational Trigonometry. II.** Three hours.
This course is designed to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in astronomy and in the navigating of aircraft and surface vessels. PR, Math. 231. Mrs. Ford.

321. **Differential Calculus. I.** Four hours.
PR, Math. 251. Mr. Shutts.

331. **Integral Calculus. II.** Four hours.
PR, Math. 321. Mr. Shutts.

341. **Theory of Equations. I.** Three hours.
PR. Math. 331. Mrs. Ford.

401. **Differential Equations. II.** Three hours.
PR, Math. 331. Mr. Shutts.

405. **Modern Geometry. II.** Three hours.
The topics studied: An extension of the principles and proofs of plane geometry, including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion, and the geometry of the triangle. PR, Math. 251. Miss Musick.

411. **Advanced Calculus. II.** Three hours.
PR, Math. 331. Mr. Shutts.

421. **Descriptive Astronomy. I.** Three hours.
PR, Math. 251. Mrs. Ford.

431. **Theory of Determinants and Analytics of Space. I.** Three hours.
PR, Math. 321. Mr. Shutts.

441. **Projective Geometry. II.** Three hours.
PR, Math. 431.

451. **History of Mathematics. I.** Three hours
This course is designed especially for teachers majoring in mathematics. PR, Math. 331. Mrs. Ford.

MUSIC

Mr. Evans, Mr. Greco, Miss Price, Mrs. Donham

101. **Elementary Music, or Music as an Art and a Science. I, II.** Two hours.
The following topics are studied: terminology of music, scale building, rhythm problems and the use of syllables in sight singing. A study of the lives and works of the great composers will be made. Mr. Evans.

102. **Music Materials and Procedures. II.** Two hours.
The course includes materials and methods for dealing with the various phases of music in the public schools. PR, Music 101. Miss Price

104. **Sightsinging. II.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: music in unison, two and three parts; simple chromatics using both the bass and treble staffs. PR, Music 101.
Miss Price.

107. **Piano. I, II.** One hour.
This course is designed for beginners. The following materials are learned: the completion of an elementary piano book, all major scales hands separately and one piece learned and memorized for performance. Open to all students. Mr. Evans.

108. **Piano. I, II.** One hour.
Continuation of Music 107. PR, Music 107. Mr. Evans.

141. **Voice. I, II.** One hour.
This course is designed for any student possessing a voice with enough quality, after an audition, to merit training. The following topics are studied: Voice placement, breath control, proper formation of vowels and consonants, vocalises and easy songs in English and Italian. PR, Audition. Miss Price, Mr. Evans.

142. **Voice. I, II.** One hour.
Continuation of Music 141. PR, Music 141. Miss Price, Mr. Evans.

*165-466. **Fairmont College—Community Male Chorus. I. I, II.** One hour.
This organization is made up of college and community men. It performs for college affairs and activities outside the campus. Open to all men able to sing a part. PR, Tryout. Mr. Evans.

*167-468. **Orchestra. I,II.** One hour.
The study of orchestral literature and administration through participation. Open to all students that can play an instrument needed to keep a well balanced organization. PR, Tryout Mr. Greco.

*169-470. **Band. I, II.** One hour.
Open to all students that can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR, Tryout. Mr. Greco.

*171-472. **Women's Chorus. I, II.** One hour.
Open to all students that can sing a part. This course is designed to present a study of choral literature, organization and administration of a Women's Chorus. PR, Tryout. Miss Price.

*173-474. **Mixed Chorus. I,II.** One hour.
Open to all students that can sing a part. This course is designed to present a study of choral literature and administration through participation. PR, Tryout. Mr. Evans.

203. **Ear Training. I.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: Recognition of simple melodies and rhythmic patterns, gaining ability to visualize and write melodic phrases in all keys. Pr, Music 104. Mr. Evans.

207. **Piano. I, II.** One hour.
Studies: The little Preludes and Fugues of Bach.
Scales: All majors and harmonic scales, hands together; melodic minor scales, hands separately. M. M. Quarter note 80—eighth notes, two octaves; triplet eighth notes, three octaves, sixth notes, four octaves.
Sonatina by Clementi, Kullau, etc. Pieces of comparable difficulty, as assigned by the instructotr. PR., Music 108. Mr. Evans.

208. **Piano. I, II.** One hour.
Continuation of Music 207.. PR, Music 207. Mr. Evans.

211. **String Class. I, II.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Greco.

*Training in band, orchestra, and chorus work may be taken in each semester of each year. If in the first year, the course numbers will be 165, 166; in the second year 265, 266, and so on.

213. **Brass Class. II.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Greco.

215. **Woodwind Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. PR, Music 101. Mr. Greco.

241. **Voice. I, II** One hour.
Technical work continued with more emphasis placed on voice placement and breathing. It is expected by this time that the student will have studied songs other than English, preferably Italian. PR, Music 142.
Miss Price, Mr. Evans.

242. **Voice. I, II.** One hour.
Continuation of Music 241. PR, Music 241. Miss Price, Mr. Evans.

275. **Violin. I, II.** One hour.
This course is designed for individual study of the techniques of violin playing. Studies in first position will be used with a knowledge of third position learned. PR, Music 211. Mr. Greco.

279. **Cello. I, II.** One hour.
This course is designed for individual study of the techniques of cello playing. Studies of grade two will be used with scales through fourth position. PR, Music 211. Mr. Greco.

283. **Clarinet. I, II.** One hour.
This course is designed for individual study of the techniques of clarinet playing. Studies by Klose, Part I and II will be used. Duets and solos of comparable dififculty will be studied. PR, Music 215. Mr. Greco.

285. **Flute. I, II.** One hour.
This course is designed for individual study of the techniques of flute playing. Studies by Hickok. Wagner and Etudes by Kohler, books I and II will be used. PR, Music 215. Mr. Greco.

289. **Trumpet or Cornet. I, II.** One hour.
This course is designed for individual study of the techniques of trumpet playing. The Arban Method for cornet will be used with the beginning of an elementary song repertoire. PR, Music 213. Mr. Greco.

291. **Trombone. I, II.** One hour.
This course is designed for individual study of the techniques of trombone playing. Methods by Clarke and Muller will be used. Songs for trombone will be studied. PR, Music 213. Mr. Greco.

301. **Music Appreciation. I, II.** Three hours.
This course consists of a general survey of music with the idea of a broader and more cultural understanding of music as an art. Open to all students. Miss Price.

305. **Music in Human Relations. I.** Two hours.
Course is open to all students as a general education course in music.
Miss Price.

307. **Piano. I, II.** One hour.
Technical studies continued with scales in thirds, sixths and tenths; all harmonic and melodic minor scales; hands together. M. M. Quarter note 100. Studies by Czerny. Op. 299. Bach Inventions PR, Music 208.
Mr. Evans.

308. **Piano. I, II.** One hour.
Continuation of Music 307. PR, Music 307. Mr. Evans.

311. **Harmony. I.** Two hours.
This course consists of exercises for the mechanics of voice-leading in four-part vocal harmony, definite harmonic progression in relation to other cords. Study of intervals, trails, seventh chords and the inversion of seventh chords. PR, Music 203. Mr. Greco.

312. **Harmony. II.** Two hours.
Continuation of Music 311. PR, Music 311. Mr. Greco.

313. **History. I.** Three hours.
The course consists of a study of music from early times to the Romantic Period. Recorded examples are used. Open to all students.
Mr. Greco.

314. **History. II.** Three hours.
Continuation of Music 313. A study of the Romantic and Modern Period is covered. PR, Music 313. Mr. Greco.

341. **Voice. I, II.** One hour.
Earlier studies continued. More advanced songs in English and foreign languages. PR, Music 242 Miss Price, Mr. Evans.

342. **Voice, I, II.** One hour.
Continuation of Music 341. PR, Music 341. Miss Price, Mr. Evans.

345. **Conducting. I.** Two hours.
This course deals with the rudiments of conducting with emphasis placed on choral work. PR, Ten hours of Music. Mr. Evans.

346. **Conducting. II.** Two hours.
A continuation of the techniques of the baton are studied with emphasis placed on instrumental directing. Score reading and elementary orchestration are studied. PR, Music 345. Mr. Evans.

401. **Form and Analysis. I.** Two hours.
The following topics are studied: structural designs upon which music is based, and representative works of the great masters of musical composition of the classic, romantic, and modern periods. Mr. Greco.

405 **Voice. I, II.** One hour.
More advanced technic. Recitative,, lyric and dramatic examples from the operas and oratorios. There will be more public appearances both in concert and radio. PR, Music 306. Miss Price, Mr. Evans.

406. **Voice. I,, II.** One hour.
Continuation of Music 405. PR, Music 405. Miss Price, Mr. Evans.

407. **Piano. I, II.** One hour.
Studies of Czerny Op. 299 and 740. A Bach Suite, Beethoven Sonata, or more modern composer. Two pieces of comparable difficulty to be memorized for performance. Scales—All Major, Harmonic and Melodic scales, in octaves, thirds, sixths, and tenths. Sixteenth notes, four octaves. PR, Music 308. Mr. Evans.

408. **Piano. I, II.** One hour.
Continuation of Music 407. PR, Music 407. Mr. Evans.

431. **Music Education for Secondary Schools. I.** Two hours.
This course deals with the techniques involved in music subjects and the organization of musical organizations in the Junior and Senior high schools. PR, Music 346. Miss Price

OFFICE ADMINISTRATION

Miss Hunsinger, Mr. Larkin

101. **Beginning Typewriting. I, II.** Two hours.

102. **Beginning Typewriting. I, II.** Two hours.
Continuation of Office Administration 101.

201. **Beginning Shorthand. I.** Four hours.
PR, sophomore standing.

202. **Beginning Shorthand. II.** Four hours.
Continuation of Office Administration 201.

211. **Vocational Typewriting. I, II.** Two hours.
PR, Office Administration 102 or equivalent.

301. **Advanced Shorthand and Transcription. I.** Four hours.
PR, Office Administration 102 and 202 or equivalent.

302. **Advanced Shorthand and Transcription. II.** Four hours.
Continuation of Office Administration 301.

311. **Office Machines and Filing. I, II.** Two hours.
PR, Office Administration 102 or 211.

312. **Advanced Office Machines. I.** One-two hours.
PR, O.A.311.

351. **Clerical Practice. II.** Three hours.
PR, Office Administration 211 and 301

401. **Secretarial Practice I.** Three hours.
PR, Office Administration 211 and 301.

402. **Cooperative Office Practice. II.** Three hours.
Part-time work in business offices. PR, Office Administration 401 or consent of instructor.

PHYSICAL EDUCATION, HEALTH AND RECREATION

Men's Division—Mr. Colebank, Mr. Wilson, and Staff.

Women's Division—Miss Walters, Miss Barry, and Staff.

Health Curriculum—Mr. Evans, Miss Radford, and Staff

HEALTH

102. **Personal Health. I, II.** Two hours
This course consists of a study of the individual health of the student
This course consists of a study of the individual health of student.
Mr. Wilson, Miss Barry.

206. **Home Nursing. II.** Two hours.
Home care of the young, the sick and the aged. Miss Radford.

241. **First Aid and Safety Education. I, II.** Two hours.
Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Wilson.

302. **Community Health and Sanitation. I.** Two hours.
The study and observation of health and sanitation as it affects the community. Mr. Evans.

304. **Health Education for Teachers in Service. II.** Two-three hours.
Conducted as a work-shop under the supervision of various members of the faculty, state and local departments of public health. Mr. Hunt.

306. **Marital Relations. II.** Two hours.
Problems of the individual with relation to marriage, personality, parenthood, sex, counseliing and the teaching of marital relations. Mr. Wilson.

308. **School Health Problems. I.** Two-three hours.
Survey of school programs, school health services and interrelationships. Mr. Evans

404. **Physical Inspection. II.** Two hours.
Physical inspection and correction of remediable defects. Mr. Evans.

406. **Family Health Problems.** Two-three hours.
Family health problems considered from the nutritional, sociological, and economic viewpoints. Conducted as a workshop course. Mr. Hunt.

408. **Public Health Problems. II.** Three hours.
The functions of local, state and federal health authorities. Mr. Evans.

461. **Organization and Administration of Health and Physical Education.** Two-three hours.
Administrative policies and activities of physical education and health departments. Mr. Wilson

PHYSICAL EDUCATION

101. **Freshman Orientation. I.** One hour.
Introduction to physical education activities. (W) Miss Barry.

111. **Freshmen Orientation. II.** One hour.
Continuation of 101. (W) Miss Barry.

115. **Team Games. I.** One hour.
This course includes touch football, basketball, volleyball, soccer and softball. (M) Mr. Colebank.

116. **Individual Activities. II.** One hour.
This course includes archery, badminton, table tennis, handball, boxing, wrestling, horseshoes, foul shooting. (M) Mr. Colebank.

117. **Skill Techniques. I.** One hour
Techniques of soccer and volleyball. (W) Miss Walters.

118A. **Football. I.** One hour.
Participation in football. (M) Mr. Wilson.

118B. **Basketball. II.** One hour.
Participation in basketball. (M) Mr. Wilson.

118C. **Baseball. II.** One hour.
Participation in baseball. (M) Mr. Wilson.

119. **Skill Techniques. I.** One hour.
Techniques of basketball and softball. (W) Miss Walters.

131. **Beginning Swimming. I, II.** One hour
Open only to those with no swimming experience. Includes rhythmic breathing, floats, change of direction, turning over and elementary strokes. Mr. Wilson, Miss Walters.

214. **Leadership in Graded Games. II.** Two hours.
Graded games and lead-up games for playground and gymnasium. Required for Curriculum C. Miss Barry.

217. **Skill Techniques. I.** One hour.
Techniques of field hockey. Officiating of soccer and volley ball. (W) Miss Walters.

219. **Skill Techniques. II.** One hour.
Techniques of speedball. Officiating of basketball and softball. (W) Miss Walters.

226. **Techniques of Modern Dance. I, II.** One hour.
Miss Barry.

237. **Fundamentals of Tennis. I, II.** One hour.
Practice in forehand, backhand, service and participation.
Miss Walters.

231. **Intermediate Swimming. I, II.** One hour.
To be determined by ability test. Practice in the nine fundamental strokes. Diving. Miss Walters.

251. **History and Principles of Physical Education. II.** Two hours.
A study of the development of physical education and the principles upon which it is based. Miss Walters.

310. **Human Anatomy and Physiology. I.** Three hours.
A study of the anatomical structures and physiological functions of human beings. PR. Biol. 101, 102, 104, 105. Mr. Hunt.

311. **Kinesiology. II.** Three hours.
Principles of body mechanics, muscle action and skills. PR. 310.
Mr. Hunt.

315. **The Intramural Program. I, II.** Two hours.
A study of the intramural program in school activities with practice in directing such a program. Miss Walters.

317. **Stunts and Tumbling. I, II.** One hour.
Individual, dual and group stunts and pyramids. Miss Walters.

320. **Coaching and Officiating Football. I.** Three hours.
Mr. Colebank.

321. **Coaching and Officiating Basketball and Baseball. II.** Three hours.
Mr. Colebank.

325. **Folk Dancing. I, II.** One Hour.
Folk dances of various nations. Miss Barry.

326. **Modern Dance. II.** One hour.
Advanced technique and composition. Miss Barry

331. **Swimming Techniques and Life Saving. II.** Two hours.
PR. 231 or permission of the instructor. Miss Walters.

337. **Advanced Tennis. II.** One hour.
Advanced strokes and participation in tournament play. Mr. Lindley.

361. **Methods for the Secondary School. II.** Three hours.
Theory and observation of the teaching of physical education. Miss Barry.

426. **Survey of the Dance. II.** Two hours.
Methods, materials and practice. Miss Barry.

431. **Competitive Swimming. I.** One hour.
Practice in starts, turns, speed strokes, and the coaching and officiating of swimming for meets. Miss Walters.

461. **Organization and Administration of Physical Education and Health. II.** Two-three hours.
Administrative policies and activities of physical education and health departments. Mr. Wilson.

RECREATION

126. **Rhythmic Activities. I.** One Hour.
Includes fundamental rhythms, social mixers and social dancing. Miss Barry.

136. **Co-recreational Activities. II.** One hour.
Participation in recreational games and party activities. Miss Barry.

225. **Square Dancing. I, II.** One hour.
American squares, quadrilles and longways dances. Miss Walters

324. **Archery and Badminton. I.** One hour.
Care and selection of equipment. Participation.. Miss Barry.

336. **Co-recreational Activities. I, II.** Two hours.
Experience in organizing and supervising co-recreational activities. Open to majors & minors. Miss Barry.

339. **Bowling. I, II.** One hour.
Participation. Miss Walters.

344. **Recreational Leadership. I, II.** One hour.
Organizing and directing group recreational activities. Mr. Wilson.

442. **Camping and Youth Organizations. I, II.** Two hours.
A study of the camping movement, outdoor education, and organizations serving youth groups. Miss Walters.

443. **Community and Industrial Recreation. I, II.** Two hours.
Organization and supervision of recreation for community and industrial groups. Miss Walters.

PHYSICAL SCIENCE

Mr. Haught

201. **General Physical Science. I.** Three hours.
Elements of mechanics, heat, sound, light and electricity. A survey course.

202. **General Physical Science. II.** Three hours.
Elements of Chemistry, Geology, and Astronomy. A survey course.

315. **Physical Science. I.** Three hours.
An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and understanding of man's physical environment. The course is non-technical.

316. **Physical Science. II.** Three hours.
Continuation of 315.

PHYSICS

Mr. Carroll, Mrs. Ford

101. **General Physics. I.** Four hours.
This course is designed to satisfy the Physics requirement for pre-medical, pre-dental, and other professional courses. It covers the elementary principles of mechanics of solids, liquids and gases, and the study of heat. A two hour laboratory period each week is required. Majors, minors, and engineers should schedule Phy. 210.

103. **General Physics. II.** Four hours.
A continuation of 101. This course includes a study of magnetism and electricity, sound and light. A two hour laboratory period each week is required. Majors, minors and engineers, should schedule Physics 211.

210. **Engineering Physics. I.** Five hours.
This course is offered for engineers and for Physics majors and minors.

211. **Engineering Physics. II.** Five hours.
A continuation of 210, offered for engineers and for Physics majors and minors.

310. **Electricity and Electronics** Four hours.
This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

311. **Electricity and Electronics. 11** Four hours.
A continuation of 310 with additional work in vacuum tube and electronic circuit theory.

320. **Mechanics. I.** Three hours.
A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the formation of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner. PR, 101, 103 or 210, 211.

321. **Mechanics. II.** Three hours.
A continuation of 320 with the same prerequisites.

420. **Atomic Physics. I.** Three hours.
This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure. PR, Physics 101, 103 or 210, 211; 310, 311 Math. 321, 331.

421. **Atomic Physics. II.** Three hours.
A continuation of 401 with the same prerequisites.

POLITICAL SCIENCE

Mr. Lawrence, Mr. Pence and Staff

101. **Fundamentals of Political Science. I, II.** Three hours.
An introduction to the theory of political science, upon which the practice of modern government is based. Staff

103. **American Federal Government. I, II.** Three hours.
Survey of American Government, with emphasis on the functions of government as performed by the national government. Staff.

203. **Comparative Government. I. II.** Three hours.
A survey designed to give a broad general acquaintance with the political institutions and governmental practices of other nations. Mr. Lawrence.

206. **American State and Local Government. II.** Two hours.
Investigation of the functions of government as performed on the state and county level. PR, Pol. Sci. 103. Mr. Pence.

207. **American Municipal Government. I.** Two hours.
Investigation of the functions of government as performed in urban areas. PR, Pol. Sci. 103 and 206. Mr. Pence.

301. **Special Studies in Political Science.** Credit to be arranged. Entrance by consent of the department. Mr. Lawrence.

302. **American Government.** Three hours.
A survey of American government devoted to the constitutional basis and functions of the Federal System. Mr. Lawrence.

303. **Political Parties and Public Opinion. I.** Three hours.
A study of the origins, growth, and development of the American political party, with emphasis on its relation to public opinion. PR, Pol. Sci. 103 or 302. Mr. Lawrence.

305. **American Diplomacy. I.** Three hours.
Problems of organization and policy in the formulation and execution of American foreign policies. PR, Pol. Sci. 103 or 302. Mr. Pence.

307. **History of Political Thought. II.** Three hours.
A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concepts. PR, Pol. Sci. 101 or consent. Mr. Lawrence.

309. **The Growth and Development of Law. I.** Two hours.
A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

310. **English Constitutional Law. II.** Two hours.
The development of the Common Law and the English Constitution. PR: History 307, 308 or consent of the department. Mr. Lawrence.

403. **Documented Report.** Two hours.
Required of all Political Science majors in the first semester of their senior year. A well written and well documented paper of about 7,000 words reporting on a subject chosen by the student with the consent of the department. Staff.

406. **International Problems. II.** Three hours.
The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR, Pol. Sci. 103, or consent. Mr. Pence.

407. **The Legislative Process. I.** Two hours.
Sources of information, methods of law-making, pressures employed and results achieved by legislative bodies. PR, Pol. Sci. 103, 206, and 303. (Political Science 303 and 407 may be taken at the same time.) Staff.

408. **The Judiciary. II.** Two hours.
The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR, Pol. Sci. 103, 206. Mr. Lawrence.

409. **The Administrative Process. II.** Two hours.
The organization, selection, classification, financing, conduct and control of public administration. PR, Pol. Sci. 103 and 206. Mr. Pence.

PSYCHOLOGY

Mr. Rogers

103. **General Psychology.* I. II.** Three hours.
A study of psychological methods, development, motivation, emotion, learning, memory, and thinking.

104 **General Psychology.* I. II.** Three hours.
A study of sensation, perception, attention, intelligence, aptitude, and personality.

104N. **Psychology for Nurses. II.** Two hours.

204. **Child Psychology. II.** Three hours.
A study of human behavioral development through infancy to pub erty, including a consideration of the formation of habits, attitudes, and interests.

205. **Applied Psychology. II.** Three hours.
The applications of psychological methods and principles in training, business, industry, medicine, and law.

335. **Psychology of Personality. I.** Three hours.
The psychological development and adjustment of the individual, his habits, traits, and attitudes, in response to organic and social influences.

336. **Abnormal Psychology. II.** Three hours.
The causes, prevention and treatment of sensory, affective and intellectual disorders; a consideration of their importance for the interpretation of normal behavior.

401. **Tests and Measurements. I.** Three hours.
Theory and practice in the construction, administration, and interpretation of tests of mental and motor performance, intelligence, aptitude, and personality.

402. **Advanced Psychology Seminar. II.** Three hours.
Readings and discussions of current theoretical and experimental writings on methods of investigating and interpreting behavior and experience.

*Psy. 103 and 104 are the two halves of an elementary survey of the field of general psychology. Either course may be taken singly; neither is prerequisite to the other, but students seeking admission to advanced courses in Psychology must have taken either 103 or 104.

RETAILING

(Distributive Education)

Miss Hitchcock, Mr. Zeimes and Staff

105. **Principles of Retailing.I.** Three hours.
A study of the growth and specialization of retail outlets. Modern scientific principles for establishing retail businesses and organizing them into profit making units. Advertising and display, selling, customer services, and personnel management are explained. Opportunities in retailing are pointed out. Mr. Zeimes

106. **Principles of Retailing. II.** Three hours.
Continuation of 105. Mr. Zeimes

205. **Salesmanship. I. II.** Three hours.
Thorough preparation for selling in the wholesale, specialty, or retail field. Analysis of buying motives, study of the product, psychology of handling customers, the personality of the salesman as it affects his success, factors in arousing interest, desire, and action will be demonstrated. Miss Hitchcock, Mr. Zeimes

210. **Merchandise Information: Textiles. I.** Three hours.
Same as Home Economics 210. Retailing majors will stress the selling points of end products made from textiles, including eye-appeal, care, and the judging of values. Miss Compton

211. **Merchandise Information: Non-Textiles. II.** Three hours.
Study of the basic materials from which non-textile products are made. These include: leather, furs, metals, cosmetics, wood, glass, rubber, and plastics. Manufacturing processes, methods of judging quality, and care of the consumer product are emphasized. Miss Hitchcock

212. **Merchandise Information: Foods. I** Three hours.
A study of meats, dairy products, fresh, fresh-frozen, canned goods, and packaged groceries. Meal planning, food values, and approved food handling methods are treated from the standpoint of the grocer and the restaurant owner. Mr. Zeimes

305. **Store Management and Operation. I.** Three hours.
Problems of managing large and small stores. The modern pattern for a well-organized store is charted, and the activities of each division are described. Receiving, marking, delivery, budgeting and control of expenses, adjustments to customers, and personnel procedures are emphasized. Planned observations in stores supplement the course.
Miss Hitchcock

306. **Merchandising I** Three hours.
Methods used in buying and selling merchandise to make a profit are treated from the standpoint of the buyer or small merchant. Functional and descriptive phases of buying, such as analysis of demand, seasonal planning, turnover, and open-to-buy, choice of resources, merchandise selection, and negotiations with vendors are emphasized.
Miss Hitchcock

307. **Merchandising II** Three hours.
Continuation of 306. Mathematical and control phases of scientific merchandising which must be understood and interpreted by the department buyer, merchandise manager, and merchant, are stressed. Calculations involved in the figuring of mark up, the retail method of inventory, and the operating statement are thoroughly covered. Students taking this course should be well-grounded in the fundamental processes of arithmetic. This is a basic course for all profit-making ventures.
Miss Hitchcock

311. **Display. II.** Three hours.
Principles and methods of promoting sales through the scientific selection and display of merchandise. A study of color, composition, lighting, fixtures, and backgrounds as used in display will be combined with practical lecture room demonstrations. Emphasis will be placed on judging the effectiveness of displays. Students are encouraged to take Art 118 or 217, and Journalism 220 in conjunction with this course.
Miss Hitchcock

314. **Fashion Fundamentals. II.** Two hours.
The elements that contribute to fashion, its origin, development, and acceptance are analyzed. Students watch a chosen fashion for a season by means of trade magazines, and predict future. An invaluable aid in buying. Miss Hitchcock

320. **Interior Decoration. I.** Two hours.
Application of the principles of color and design in interior decoration. Explanation of materials, fabrics, and furniture used to achieve various effects. Floor, wall, and window treatments are practiced. A brief study of well known periods in decoration.
Mr. Zeimes, Miss Compton

350. **Experience in Merchandising. I.** One-three hours
Prospective teachers of distributive education will be granted one credit hour for each 100 clock hours of supervised store experience up to a maximum of 6 hours. Students working on this basis will meet once a week in a seminar. A student may take 350 and/or 351 only once, regardless of the credit granted. Mr. Zeimes, Miss Hitchcock

351. **Experience in Merchandising. II.** One-three hours
Continuation of 350. Mr. Zeimes, Miss Hitchcock

401. **Organization and Administration of Distributive Education. II.** Two hours.
A basic course in the purpose,, objectives, and philosophy of distributive education, with special emphasis on the West Virginia state plan. Methods used in initiating, organizing, and promoting classes engaged in distributive occupations will be stressed. Mr. Zeimes

402. **Coordination and Supervision in Distributive Education. II.** Two hours.
Methods for working with store managers for the purpose of placing students on jobs, giving them well-rounded experience, and evaluating their work are treated in this course. Attention is given to supervision of students at work by the teacher coordinator, and to the conduct of personal interviews to help students become adjusted to actual business requirements. Miss Hitchcock

403. Development of Instructional Materials. II. Two hours.

Gathering and organizing instructional materials for use in distributive education classes will constitute the main part of this course. The particular problems of making the instruction supplemental to the daily needs of the student worker will be emphasized. Actual construction of a complete curriculum and teaching outlines will be included in the course. Miss Hitchcock

405. Personnel Management II. Two-three hours.

A study of the human factor in relation to the processes of modern retailing. Employment procedures, job analysis, training and maintenance of personnel, as well as the development of an executive force capable of giving promotional training within the store, will be stressed. Mr. Zeimes

412. Distributive Education Workshop Three hours.
Miss Hitchcock, Mr. Zeimes

SOCIAL SCIENCE

Miss Crystal, Mr. Pence, and Staff

101. The Development of Social Institutions. I. Three hours.

An interpretation of European and American history in terms of institutional development. Miss Crystal.

102. The Development of Social Institutions. II. Three hours.

A continuation of 101. Miss Crystal.

Soc. Sci. 101 and 102 are for all students seeking teaching certificates, except Social Science teachers.

201. Fundamental Social Problems. I. Three hours

A survey of outstanding social, economic, and political institutions and problems of the contemporary world. Mr. Pence

202. Fundamental Social Problems. II. Three hours.

A continuation of 201. Mr. Pence

SOCIOLOGY

Mr. Barnitz and Staff

120. Introductory Sociology. I, II. Three hours.

This is a foundation course and is designed to acquaint students with the structure of society, genesis of social problems, analyses of some of the current social problems, and the applications of sociological principles.

120N. Sociology for Nurses. II. Two hours.

Open only to nursing students.

121. Introductory Sociology. I, II. Three hours.

Continuation of 120.

240. The Family. I. Three hours.

A study of the background of the American family; courtship and marriage; problems of parenthood; family disorganization; effects of social change on the family; and the future of the family as an institution. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

301. **Anthropology. I, II.** Three hours.
A study of human and social origins including: the beginnings of human society; the origin, nature and diffusion of culture; the development of races and languages; a comparison of some of the principal cultures of the world. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

310. **General Sociology. I, II.** Three hours.
Social organization and the influence of natural and demographic factors upon it; stability of culture and culture change; personality and culture.

311. **General Sociology. II.** Three hours.
Continuation of Soc. 310.

320. **Rural Sociology. I.** Three hours.
An intensive study of the distinctive characteristics and problems of rural society; significant rural trends in the state and nation, and their probable influence upon rural planning and opportunity. PR, Soc. 120, 121, or Soc. Sci. 201, 202.

330. **Urban Sociology. II.** Three hours.
A study of the location and growth of villages, towns,, and cities; characteristics of urban populations social pathology of urban life; and city planning. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

340. **Juvenile Delinquency. I.** Three hours.
The extent of juvenile delinquency; nature of delinquent behavior and its causes; organization and operation of juvenile courts; probation and parole systems; methods of rehabilitation; and preventive measures. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

350. **Criminology. II.** Three hours.
The extent and social significance of crime; criminal behavior; courts and law enforcement; history and theory of punishment; prison programs; recidivism and preventive programs. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

440. **Population Problems. I.** Three hours.
Social implications of changing state, national, and international birth and death rates; causes of growth and decline of population; relationship of population to natural resources; immigration and its influence on cultures and standards of living; race and social conflicts. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

450. **Minority Groups. II.** Three hours.
Survey of the backgrounds and characteristics of the leading minority groups in the United States; contributions of each group; national and international problems associated with immigration policies and minority groups. PR,, Soc. 120, 121 or Soc. Sci. 201, 202. .

460. **Methods of Research. I.** Three hours.
The standard methods of gathering and interpreting sociological data; questionnaires, surveying, interviewing; statistical methods; the life history method. Required of majors in Sociology. PR, Soc. 120, 121 or Soc. Sci. 201, 202; and one of Soc. 320, 330, 340, 350, 440, 450.

490. **Special Problems in Sociology. I.** Hours, Arr.
Open to juniors and seniors majoring in Sociology. Reading and research on subjects suited to student needs.

491. **Special Problems in Sociology. II.** Hours, Arr.
Continuation of Soc. 490.

SPANISH

Miss Terry

101. Elementary Spanish. I. Three hours.
Grammar,, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. Elementary Spanish. II. Three hours.
PR, Spanish 101 or one year of high school Spanish.

201. Modern Spanish. I. Three hours.
Rapid reading, and conversation. PR, Spanish 101 and 102 or two years of high school Spanish.

202. Modern Spanish. II. Three hours.
PR, Spanish 201.

221. Intermediate Composition and Conversation. I. Two hours.

222. Intermediate Composition and Conversation. II. Two hours.

301. Nineteenth Century Literature to 1870.. I. Three hours.
Lectures, selected readings and reports. Conducted in Spanish.

302 Nineteenth Cent. Literature. II. Three hours.
Spanish literature from 1870. Conducted in Spanish.

327. Advanced Conversation and Composition. I. Three hours.

328. Advanced Conversation and Composition. II. Three hours.

340. Spanish American Literature. I. Three hours.
Study of Spanish American history and culture through its literature. conducted entirely in Spanish

421. Literature of the Golden Age. I. Three hours.
Cervantes and Lope de Vega. Conducted in Spanish.

422. The Drama Immediately Following the Golden Age. II. Three hours.
Caldron de la Barca, Tirso de Molina and Alarcon.

SPEECH AND DRAMATICS

Mr. Wallman, Mr. Opp, Mr. Turley, Mr. West, and Staff

101. Fundamentals of Speech. I, II. Two hours.
This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, ,pronunciation, parliamentary procedure. Required of Speech Majors. Staff.

105. Voice and Diction. I, II. Two hours.
This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasing standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors. Mr. Turley.

151. Play Production. I, II. Two hourus.
Play production methods for the educational theatre. Stage management, scenery, and staging of plays. Mr. Wallman.

152. **Theatre Workshop. I, II.** One hour.
Actual laboratory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc. PR, Speech 151. Mr. Wallman.

152L. **Theatre Workshop. II.** One hour.
Continuation of Speech 152. Mr. Wallman.

234. **Fundamentals of Radio Speech. I.** Two hours.
A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. PR, 105 or permission of the instructor. Mr. Turley.

243. **Debate. I.** Two hours.
Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors. Mr. Opp.

244. **Intercollegiate Debating. II.** Variable credit.
Mr. Bell.

245. **Oratory. I, II.** Variable credit.
A study of the structure, aims, and principles of writing orations and the delivery of them. Mr. Opp.

251. **Acting. I, II.** Two hours.
Acting in numerous one-act plays. Mr. Wallman.

301. **Make-up. I.** One hour.
A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. Wallman.

301L. **Advanced Makeup. II.** One hour.
Laboratory and practical experience. PR., Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare. I.** Three hours.
A study of representative Shakespearean plays. Mr. Fryxell.

318. **Modern Drama. II.** Three hours.
The history of the British drama and the study of modern dramas—British, Continental, and American. Miss Tate.

330. **Radio Programming.** Two hours.
A comprehensive lecture-laboratory course covering basic techniques of radio speech, announcing, writing and program production. Designed primarily as a summer session workshop course. PR. 4 hours, Speech, 6 hrs. Composition, or senior ranking. Mr. Turley.

331. **Children's Theatre. II.** Two hours.
A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B. Mr. Wallman.

334. **Radio Production. II.** Two hours.
Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music cues, sound effects, and directing. PR, 234. Mr. Turley.

334.L. **Radio Production. I, II.** One hour.
Continuation of 334 with extensive studio practice Mr. Turley.

336. **Play Directing. I, II.** Two hours.
Selection of plays, suitable to high school presentation, interpretation. and directing problems. Required of Speech Majors. Mr. Wallman.

336L. **Play Directing. (Laboratory.)I.** One hour.
Direction and presentation of a one act play. Required of Speech Majors. PR, Speech 336. Mr. Wallman.

337. **Effective Speaking. I, II.** Two hours.
This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

400. **Radio Continuity Writing. I.** Two hours.
The study and practice of all forms of non-dramatic radio writing, including music program continuity, talks programs, audience participation programs, sports features, and commercial continuity. The course is intended to develop effective communication by means of expository, narrative, and persuasive writing for radio presentation. PR. Eng. 103, 107, 302 or 304; Speech 234 or 330. Mr. Turley.

421. **Poetry Interpretation. II.** Three hours.
Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction. I.** Two hours.
Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Mr. Turley.

ZOOLOGY

Mr. Hunt, Mr. Roberts, Mr. Davisson

103. **General Zoology. II.** Four hours. Mr. Hunt.

110N. **Intro. to Human Anatomy and Physiology. I.** Four hours.
Open to nurses only. Mr. Hunt.

315. **Field Zoology. I.** Two-four hours. Mr. Davisson.

320. **Invertebrate Zoology. I.** Four hours. Mr. Hunt.

321. **Vertebrate Zoology. II.** Four hours. Mr. Hunt.

322. **Ornithology. II.** Two hours.
Study of birds. Mr. Roberts.

330. **Conservation of Wildlife Resources.** Two hours. Mr. Hunt.

350. **Comparative Anatomy of Vertebrates. II.** Four hours. Mr. Hunt.

380. **Introduction to Genetics. II.** Three hours. Mr. Davisson.

410. **Histological Technique. II.** Two-three hours.
Preparation of animal tissues for microscopic study. Mr. Hunt.

411. **Histology. II.** Two-three hours.
Study of animal tissues. Mr. Hunt.

415. **Problems in Zoology. Summer.** Two-three hours.
Mr. Hunt.

420. **Vertebrate Embryology. II. (Omitted 1949-50)** Four hours.
Mr. Hunt.

450. **Human Physiology.** Four hours.
Mr. Hunt.

SPECIAL SERVICES

THE SUMMER SESSION

The regular summer session of Fairmont State College will be held from June 1 to August 20, 1949. The session will be made up to two terms of six weeks each. The first term will open on June 1 and close on July 12; the second term will begin on July 13 and close on August 20. Independence Day will be observed as a holiday.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certificate. For information relative to summer session fees see page 23 above.

The Fairmont State College Laboratory School will be in operation during the first six weeks for elementary school observation and practice teaching, and during twelve weeks for secondary school activities of a similar character.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under these leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College is sponsoring a number of special features in connection with the 1949 summer session. These features include workshops in Family Health Problems, Health Education for Teachers in Service, Guidance, Radio Programming, and Distributive Education with local and outside leaders in charge; a travel-study tour of Mexico during the second six weeks term; and an opportunity for students interested in conservation problems to participate in the West Virginia Conservation Training School at Jackson's Mill. In addition, experts from the State Department of Education and from the book companies will sponsor demonstrations in connection with the work of various classes and the laboratory school.

The special bulletin for the summer session is now printed and available for distribution. If interested in any of the special features referred to above, or in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College, Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes impossible attendance in regular day classes. Classes are ordinarily held on Wednesday evenings during the hours from 6:00 to 9:30, although classes may be held at such other times as the group

involved and the instructor may agree upon. These classes are considered as work done in residence.

Classes will usually be offered in any subject or subjects in which there is sufficient demand as indicated by the registration of six or more students, although the Administration reserves the right not to provide such instruction when it may be impossible to make adequate teaching staff arrangements.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of eight semester hours of credit during the period of employment each year with a maximum of four credit hours per semester. Such a total hour limit makes possible enrollment in two two-hour classes, and in one three-hour class with a fourth possible hour to be obtained by enrolling in one of several tutorial courses offered by the college.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provide: (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 1.5, or better. The enforcement of these regulations is in the hands of the several student advisers. The following courses are offered as tutorial courses at this time:

Biology 420
Economics 406
Education 431, 460
English 391
History 460
Political Science 301
Sociology 490, 491

EXTENSION CLASSES

Upon request, and when it is possible to detach regular faculty members for this service, Fairmont State College will offer off the campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any such courses can be offered in this way.

The work given in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 30 hours of such credit may be included in any student's 128 hour requirement for graduation.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veterans' relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of those veterans who have not completed high school.

3. Facilities for giving the "General Educational Development Tests" as a means for obtaining advanced standing.

4. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

5. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

6. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialized and the Navy College Training Programs.

NURSING EDUCATION

Fairmont State College, in cooperation with the Fairmont General Hospital, offers a full and complete training course for nurses. Students enroll in the Fairmont General Hospital School of Nursing, but do 17 semester hours of basic courses in Fairmont State College.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabiliation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

The courses for nurses offered by Fairmont State College under this cooperative program are as follows:

First semester: Chemistry (3); Anatomy and Physiology (4); Microbiology (3); Nutrition (3). Second semester: Sociology (2); Psychology (2).

NEW SERVICES

Fairmont State College plans to organize a series of two year terminal courses in such fields as Business and Accounting, Industrial Arts, Retailing, Home Economics, and Office Administration (Secretarial). The purpose of these courses will be to provide desirable vocational training for those per-

sons who are unable to complete an entire four year course without interruption, and for those who desire some college training. The two year courses will be organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four year courses. The quality of the instruction offered will be identical with that in the four year courses. If interested in such terminal courses, please write the Registrar, Fairmont State College, for further information, indicating the specific area of interest.

SUMMARY OF ENROLLMENT FOR 1948-49

Including First and Second Summer Terms, 1948

Resident Students

	Men	Women	Total
Post Graduates and Special Students	33	103	136
Seniors	133	191	324
Juniors	261	170	431
Sophomores	237	141	378
Freshmen	263	199	462
Total	927	804	1731

Enrollment of Resident Students by Counties
For 1948-49 including First and Second Summer Terms, 1948

County	Number	County	Number
Barbour	20	Pocahontas	6
Berkeley	0	Preston	96
Boone	0	Putnam	1
Braxton	10	Raleigh	0
Brooke	4	Randolph	4
Cabell	0	Ritchie	0
Calhoun	1	Roane	1
Clay	0	Summers	0
Doddridge	0	Taylor	72
Fayette	0	Tucker	11
Gilmer	1	Tyler	0
Grant	11	Upshur	0
Greenbrier	0	Wayne	0
Hampshire	6	Webster	7
Hancock	11	Wetzel	53
Hardy	0	Wirt	0
Harrison	182	Wood	3
Jackson	3	Wyoming	1
Jefferson	0		
Kanawha	4	Total	1610
Lewis	1	Out of State	
Lincoln	1	Connecticut	5
Logan	2	Florida	1
Marion	975	Kentucky	1
Marshall	11	Maryland	17
Mason	0	New Jersey	2
Mercer	1	New York	7
Mineral	5	North Carolina	1
Mingo	0	Ohio	9
Monongalia	86	Pennsylvania	75
Monroe	0	Virginia	1
Morgan	0	Washington, D. C.	1
McDowell	5	Territory of Hawaii	1
Nicholas	4		
Ohio	3	Total	121
Pendleton	0		
Pleasants	8	Sum Total	1731

STUDENTS WHO RECEIVED DEGREES IN JANUARY AND MAY 1948

A. B. Degree

Name	Address	County
Clark, Kenna, Jr.	227 Jefferson St., Fairmont, W. Va.	Marion
Moosey, Catherine	Monongah, West Virginia	Marion
Moran, Joseph Andrew	700 Ohio Ave., Fairmont, W. Va.	Marion
Morris, Eleanor Ruth	116 Cochran St., Fairmont, W. Va.	Marion

B. S. Degree

Name	Address	County
Blair, W. Bradley	816 Washington St., Ogdenburg, N. Y.	St. Lawrence
Brannon, John V.	Bridgeport, West Virginia	Harrison
Davis, George Francis	8 Rhea Terrace, Fairmont, W. Va.	Marion
Dilgard, Maxine V.	263 Sterling Heights, Fairmont, W. Va.,	Marion
Frazier, Richard Dickerson	1015 Carleton St., Fairmont, W. Va.,	Marion
Geldbach, Donald Louis	1304 Chamberlain Ave., Fairmont, W. Va.	Marion
Haney, Mildred Louise	Route #4, Box 240, Fairmont, W. Va.	Marion
James, John Oliver	36 Rebecca St., Shinnston, W. Va.	Harrison
Jarrett, John H.	120 Watson Ave., Fairmont, W. Va.	Marion
Jones, Adrian Clyde	Route #3, Phillippi, W. Va.	Barbour
Kennedy, Robert Emmett	Box 167, Barrackville, W. Va.	Marion
McLuckie, William E.	624 Benoni Ave., Fairmont, W. Va.	Marion
Newcome, Thomas B.	Box 263, Newburg, W. Va.	Preston
Powell, Wiley E.	223 Burt St., Mannington, W. Va.	Marion
Smith, Mary Jo	Route #1, Fairmont, W. Va.	Marion
Watkins, Barbara	207 Dearborn St., Fairmont, W. Va.	Marion
Wolfe, Harry G.	315 Jefferson St., Fairmont, W. Va.	Marion

A. B. in Education Degree

Name	Address	County
Banks, E. Joan	408 Murray Ave., Fairmont, W. Va.	Marion
Boggess, Mildred A.	1000 Hood Ave., Shinnston, W. Va.	Harrison
Cain, Archie L.	408 Monroe St., Fairmont, W. Va.	Marion
Colanero, John Paul	Monongah, W. Va.	Marion
Denton, Avanelle Louise	599 W. Washington St., Grafton, W. Va.,	Taylor
Douglass, Betty June	207 Bellview Ave., Fairmont, W. Va.	Marion
Fisher, Amelia Lou	201 Euclid Ave., Clarksburg, W. Va.,	Harrison
Fleming, Elizabeth M.	Ford St., Monongah, W. Va.	Marion
Ford, Helen Pauline	205 Diamond St., Fairmont, W. Va.	Marion
Fortney, Hunter E.	612 View Ave., Fairmont, W. Va.	Marion
Gorman, Bernard Wells, Jr.	Route #2, Farmington, W. Va.	Marion

Name	Address	County
Gray, Dora Louise	Route #2, Box 158, Fairmont, W. Va.	Marion
Gray, Virginia Walls	44 Mahlon St., Shinnston, W. Va.	Harrison
Haney, Mildred Louise	Route #4, Box 204, Fairmont, W. Va.	Marion
Higinbotham, Fred Robert	440 Monroe St., Fairmont, W. Va	Marion
Hrolenok, Walter	Box 204, Rivesville, W. Va.	Marion
Hunt, Robert K.	Burton, W. Va.	Wetzel
Keffer, Ralph Charles	Deep Valley, Pa.	Greene
Lobuts, Flora Jo	731 Virginia Ave., Fairmont, W. Va.	Marion
Manear, Carl E.	237 Lincoln St., Grafton, W. Va.	Taylor
McAvoy, Lorraine	353 W. Main St., Grafton, W. Va.	Taylor
Michna, Adam F.	353 Park Ave., Monongah, W. Va.	Marion
Miller, Harland Junior	Route #5, Box 119, Fairmont, W. Va.	Marion
Miller, Helen Videlle	Brandonville, W. Va.	Preston
Morrison, Julia Fay	1111 Fennimore St., Fairmont, W. Va.	Marion
Mouser, Anna Lee	1107 Fennimore St., Fairmont, W. Va.	Marion
Ogden, Deloris Jackson	Route #1, Independence, W. Va.	Preston
Pancake, Virginia Lee	Romney, W. Va.	Hampshire
Patterson, Frances Lee	1108 Ridgley Ave., Fairmont, W. Va.	Marion
Perez, Alice	Box 132, Spelter, W. Va.	Harrison
Radabaugh, Ruth Jean	427 Maryland Ave., Fairmont, W. Va.	Marion
Rajs, Sophia Barbara	Route #2, Box 183, Fairmont, W. Va.	Marion
Robinson, Betty Ruth	Box 57, Reader, W. Va.	Wetzel
Sansalone, Angeline	Box 92, Watson, W. Va.	Marion
Shilley, John	Shinnston, W. Va.	Harrison
Shroyer, Edith May	Farmington, W. Va.	Marion
Snider, Gladys Keller	Route #2, Box 273, Fairmont, W. Va.	Marion
Squires, Donald Morley	101 Vine St., Fairmont, W. Va.	Marion
Standifer, Alfred L.	Barrackville, W. Va.	Marion
Stewart, Mary Alice	Hopewell Road, Fairmont, W. Va.	Marion
Straight, Stanley	213 Mannington, W. Va.	Marion
Talbott, Mary Martha	833 Emerson St., Fairmont, W. Va.	Marion
Thomas, Charles Arthur	Bruceton Mills, W. Va.	Preston
Thomas, Nancy Adina	Route #2, Box 40, Mannington, W. Va.	Marion
Toothman, Ralph J.	Box 247, Mannington, W. Va.	Marion
Travis, Delaine Durst	Amboy, W. Va.	Preston
Vincent, Glendine Boyd	411 Adams St., Fairmont, W. Va.	Marion

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Fairmont State College Bulletin

GENERAL CATALOGUE 1950-51



IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Director of Admissions

Matters of General College Interest and Development, address

The President

Matters Concerning the Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Matters Concerning Guidance and Counseling, Student Employment, Placement, address

The Director of Student Personnel

Matters Concerning Housing for Women, Admission to the Dormitory, etc, address

The Dean of Women

Matters Concerning Housing for Men, Veterans' Affairs, Admission to Veterans' Housing Units, etc, address

The Dean of Men

Matters Concerning Student Accounts, Deferred Payments, Purchases, address

The Business Manager

Alumni Activities, address

The Alumni Secretary

CATALOGUE: Students are urged to secure and to retain throughout the period of their enrollment a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

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Fairmont, W. Va.

FAIRMONT
STATE COLLEGE

VOLUME LXXXIII April 1, 1950 NUMBER 2

GENERAL CATALOGUE

1950-51

FAIRMONT, WEST VIRGINIA

MORGANTOWN PRINTING AND BINDING COMPANY

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CALENDAR

1950

May 28, Sunday ---------- Baccalaureate Services
May 29, Monday ---------- Commencement Exercises, 10:00 A.M.
June 5, Monday ---------- Registration for First Term, Summer Session
June 6, Tuesday ---------- First Classes, Summer Session, 8:00 A.M.
July 4, Tuesday ---------- Independence Day, a holiday
July 8, Saturday ---------- Extra Class Sessions
July 14, Friday ---------- Final class sessions, First Summer Term
July 17, Monday ---------- Registration for Second Term, Summer Session
July 18, Tuesday ---------- First classes, Second Summer Term, 8:00 A.M.
August 25, Friday ---------- Final class sessions, Second Summer Term
September 11-16, Monday through Friday ---------- Orientation and registration of freshmen students
September 13, Wednesday ---------- Registration of freshmen students
Registration of evening students, 7:00 P.M.
September 14, Thursday ---------- Registration of all other students, 8:00 A.M.
September 15, Friday ---------- First class meetings, 8:00 A.M.
November 10, Friday ---------- Midsemester reports due, 4:00 P.M.
November 29, Wednesday ---------- Thanksgiving recess begins, 12:00 Noon
December 4, Monday ---------- Classes resume, 8:00 A.M.
December 11, Monday to December 16, Saturday ---------- Pre-registration, Second Semester
December 19, Tuesday ---------- Christmas recess begins, 4:00 P.M.

1951

January 3, Wednesday ---------- Classes resume, 8:00 A.M.
January 22, Monday to January 26, Friday ---- Final examinations, First Sem.
January 24, Wednesday ---------- Final meetings, Evening Classes
January 29, Monday ---------- Registration for the Second Semester
January 31, Wednesday ---------- Registration for Evening Classes, 7:00 P.M.
March 21, Wednesday ---------- Easter recess begins, 9:30 P.M.
March 28, Wednesday ---------- Classes resume, 8:00 A.M.
March 30, Friday ---------- Midsemester reports due, 4:00 P.M.
May 7, Monday to May 12, Saturday ------ Pre-registration for Summer Session and First Semester Classes
May 21, Monday to May 25, Friday ------ Final Examinations, Second Semester
May 27, Sunday ---------- Baccalaureate Services
May 28, Monday ---------- Commencement Exercises, 10:00 A.M.

* Unforeseen conditions may require some slight changes in this official calendar during the course of the college year.

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

THE STATE BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
Lawrence R. Lynch, *President, Clarksburg*	1950
Ross Tuckwiller, *Vice President, Lewisburg*	1954
Garland L. Dunn, *Martinsburg*	1958
Robert D. Bailey, *Pineville*	1957
Mason Crickard, *Charleston*	1956
Mrs. Thelma B. Loudin, *Fairmont*	1955
W. H. Nelson, *Beckley*	1953
Raymond Brewster, *Huntington*	1952
Brooks Cottle, *Morgantown*	1951
W. W. Trent, *Superintendent, member ex-officio, Charleston*	1953
H. K. Baer, *Secretary, Charleston*	

FAIRMONT STATE COLLEGE

The Administrative Staff

GEORGE H. HAND, PH.D., *President*
JOHN W. PENCE, A.M., *Dean of the College, Director Summer and Evening Sessions*
ETHEL ICE, A.M. *Registrar, Director of Admissions*
ELEANOR R. BAYLEY, A.M., *Dean of Women; Director, Student Personnel*
GEORGE H. TURLEY, A.M., *Dean of Men; Veterans' Coordinator*
HAROLD D. JONES, A.M., *Librarian*
CLIFFORD R. HOUSE, JR., ED.M., *Director of Public Relations*
REGIS J. LARKIN, M.ED., *Business Manager*
SARAH E. HAMRIC, B.S., *Director of Food Service*
WINNIE DAVIS CRENSHAW, A.M., *Director, Morrow Hall*
MERTON M. MOHRMAN, B.S., *Superintendent of Buildings and Grounds*

The Administrative Assistants

MARY CATHERINE BOCK, *Secretary to the President*
BERNARD B. BROOKOVER, B.S., *Outside Foreman*
DOROTHY L. CALHOUN, *Information Clerk and Switchboard Operator*
RUTH FIGGATT, A.B., B.S. in L.S., *Assistant Librarian*
VIOLET FORCHI, *Audio-Visual Services Clerk, Library*
BETTY LEE GABRIELE, B.S., *Stenographer, Business Office*
RUTH HAWKINS, A.B., *Cashier*
ANNE HOLBERT, A.B., *Manager, College Bookstore*
OLIVE SARAH HORTON, M.S., *Assistant Director of Student Personnel*
MARY JEANNE KEIGER, A.B., *Assistant Librarian*
ANNE BLAIR MORGAN, A.B., *Assistant Registrar*
MILDRED F. RADFORD, R.N., *College Nurse*
MARY FREEMAN REXROAD, A.B., *Clerk, Cashier's Office*
EUGENE ROGERS, *Inside Foreman*
KATHARYN ELAINE SMITH, A.B., *Assistant to the Registrar*
BARBARA JEAN SPRINGER, B.S., *Secretary to the Registrar*
PATRICIA TENNANT, B.S., *Clerk, Library*
MAUREEN K. WOLFE, A.B., *Secretary, Student Personnel Office*

Administrative Office Hours

Daily, except Saturday, 8:00 A.M. to 4:00 P.M.
Saturday, 8:00 A.M. to 12:00 M

THE STAFF OF INSTRUCTION

ERIC BARNITZ, *Chairman, Sociology* (1947)*
A.M. Yale University

ANNE M. BARRY, *Physical Education* (1946)
A.B. Fairmont State College; A.M. West Virginia University

THOMAS R. BENNETT, II, *Chairman, Philosophy and Religion* (1949)
A.B., West Virginia University

HAYDEN M. CARMICHAEL, *Industrial Arts* (1948)
B.S. in Ed., Moorehead State Teachers College; M.S.I.E., Stout Institute

ROBERT LEON CARROLL, *Chairman, Physics*
A.B. Fairmont State College; M.S., Ph.D., West Virginia University

ALLEN W. CHAPLINE, *Chairman, Social Science* (1949)
B.S. Northeastern University; M.A. Stanford University; Ed.D. Columbia University

JASPER H. COLEBANK, *Chairman, Physical Education (Men)* (1924)
A.B. Fairmont State College

EDMUND COLLINS, *Education* (1949)
A.B., A.M., West Virginia University

EVA DAY COMPTON, *Chairman, Home Economics* (1921)
B.S. West Virginia University; A.M. Teachers College, Columbia University

BESSIE K. CRYSTAL, *History* (1929)
B.S. Kirksville State Teachers College; A.M. University of Missouri

PAUL C. DAVIS, *Chairman, Recreation* (1949)
A.B. Glenville State College; A.M. Columbia University

ARTHUR PAUL DAVISSON, *Chairman, Biology* (1943-44; 1947)
B.S. University of Kentucky; A.B. Fairmont State College; M.S. West Virginia University

NORMAN HECKER DONHAM, *Music* (1946)
Artists Diploma, West Virginia University

ALFRED GLENN EVANS, *Health* (1948)
M.D., M.P.H. Yale University

JOHN THOMAS EVANS, *Chairman, Music* (1940)
A.B. Fairmont State College; Mus.B., Mus.M. West Virginia University

RUTH FIGGATT, *Library Science* (1949)
A.B. Marshall College; B.S. in L.S. Drexel Institute

ELEANOR M. FORD, *Mathematics* (1946)
B.S., M.S. West Virginia University

BURTON L. FRYXELL, *Chairman, English* (1947)
A.B., A.M., Ph.D. University of Wisconsin

MERTON V. GIVENS, *Education; Principal, Jayenne Laboratory School* (1947)
A.B. Fairmont State College; A.M. West Virginia University

ALBERT R. GRECO, *Music* (1948)
Mus.B. West Virginia University; Mus.M. Cincinnati Conservatory of Music

CLEO D. HAUGHT, *Chairman, Physical Science* (1925)
A.B. West Virginia Wesleyan College; A.M. Ohio State University

LOUISE HITCHCOCK, *Chairman, Retailing* (1946)
A.B. Wellesley College; M.S. New York University

CLIFFORD R. HOUSE, JR., *Chairman, Journalism* (1947)
A.B. Kentucky Wesleyan College; M.Ed. University of Cincinnati

BOYD DAVIS HOWARD, *Chairman, Education* (1948)
A.B. Union College; A.M., Ed.D. University of Cincinnati

MARJORIE HUNSINGER, *Chairman, Office Administration* (1946)
A.B. Ohio Wesleyan University; A.M. Columbia University; Ph.D. University of Pittsburgh

GEORGE R. HUNT, *Chairman, Zoology and Health* (1931)
Ph.B. Denison University; A.M. West Virginia University; Ph.D. University of Pittsburgh

*The date in parentheses indicates the year of initial appointment.

Ethel Ice, *German* (1912)
A.B. West Virginia University; A.M. Teachers College, Columbia University; Institute for Registrars, University of Kentucky

Edgar N. Jaynes, *Chairman, Business and Economics* (1947)
A.B. West Virginia University; MBA. Boston University

Cyril W. Johnson, *Chairman, Industrial Arts* (1947)
B.S. Stout Institute; A.M. Ohio State University

Harold D. Jones, *Chairman, Library Science* (1947)
A.B. Swathmore College; B.S., L.S. Drexel Institute; A.M. University of Pennsylvania

Regis J. Larkin, *Office Administration* (1947)
B.S., M.Ed. University of Pittsburgh

**Alton Forest Raymond Lawrence, *Chairman, Political Science* (1946)
A.B. Drake University; A.M., J.D. State University of Iowa

Robert George Layer, *Business and Economics* (S-1947; 1948)
A.B. Ohio Wesleyan University; A.M. Harvard University

Charles A. Lindley, *Chairman, History* (1929)
A.B. Indiana University; A.M. Clark University; Ph.D. University of Pennsylvania

Dorothy Fowkes Lucker, *English* (1948)
A.B. University of Texas; A.M. Columbus University; Ph.D. University of Texas

Frances J. Miller, *Education* (1949)
West Virgina University

Luella Raab Mundell, *Chairman, Art* (1949)
A.B. Iowa State Teachers College; A.M., Ph.D. Iowa State University

Ruth Ann Musik, *Mathematics* (1946)
B.S. Kirksville State Teachers College; M.S., Ph.D. University of Iowa.

Paul F. Opp, *English* (1923)
A.B. Mount Union College; A.M. Columbia University; Pd.D. University of Toronto.

John W. Pence, *Political Science* (1926)
A.B., A.M. Oberlin College.

Woodrow Arthur Potesta, *Business and Economics* (1948)
B.S., L.L.B. West Virginia University

Mary B. Price, *Music* (1925)
Graduate, School of Music, West Virginia University; Music Supervisor's Diploma, Cornell University

Haddon S. Rhodes, *English* (1931)
A.B. Fairmont State College; A.M. West Virginia University.

Jean E. Richmond, *Home Economics* (1940)
A.B. University of Illinois; A.M. University of Iowa.

Charles Moore Roberts, *Chairman, Botany* (1926)
B.S., M.S. Pennsylvania State College.

Spaulding Rogers, *Chairman, Psychology* (1947)
A.B. University of Rochester; Ph.D. Columbia University

Nellie Jo Sager, *English* (1949)
A. B. Southern Illinois University; A.M. University of Illinois.

Fridtjof Schroder, *Art* (1947)
A.B. Luther College; A.M. University of Iowa.

Herman Arthur Shutts, *Chairman, Mathematics* (1930)
A.B. Fairmont State College; A.M. West Virginia University.

Marjorie Tate, *English* (1926)
B.S. in Ed. Central Missouri Teachers College; A.M. George Peabody College for Teachers

Harold Norman Taylor, *Education* (1948)
A.B., A.M. University of Iowa.

**John Martin Taylor, *Education* (1946)
A.B. Fairmont State College; A.M. West Virginia University.

** Absent on leave, 1949-50.

Elizabeth Terry, *Chairman, Foreign Languages* (1941)
A.B. Marietta College; A.M. University of Wisconsin.
George H. Turley, *Speech and Dramatics* (1941)
A.B. Fairmont State College; A.M. West Virginia University.
Lawrence A. Wallman, *Chairman, Speech and Dramatics* (1929)
A.B., A.M. West Virginia University.
Nelle E. Walters, *Chairman, Physical Education (Women)* (1947)
A.B. West Virginia University; A.M. Peabody College.
Raleigh P. Ward, *Chairman, Chemistry* (1932)
A.B., M.Sc., Ph.D. Ohio State University.
Jerry J. West, *Speech and Dramatics* (1948)
A.B. Fairmont State College; A.M. West Virginia University.
Margaret Semanick Willard, *Education* (1949)
A.B. Fairmont State College; A.M. West Virginia University.
Wilford R. Wilson, *Physical Education* (1939)
A.B. Fairmont State College; A.M. Teachers College, Columbia University.
Kenneth G. Wise, *Industrial Arts* (1948)
B.S., M.A. Ohio State University.
Eleanor Wolfe, *Chairman, Nursing Education* (1949)
A.B. Geneva College; R.N.,AM. Western Reserve University.
Norbert James Zeimes, *Retailing* (1948)
B.A. St. John's University; M.A. University of Minnesota.

JAYENNE LABORATORY SCHOOL

Merton V. Givens, *Principal*
A.B. Fairmont State College; A.M. West Virginia University.
Geraldine Wildman, *First Grade*
A.B. Fairmont State College.
Ruth E. Oney, *Second Grade*
A.B. Fairmont State College; A.M. West Virginia University.
Olene S. Crouser, *Third Grade*
A.B. Fairmont State College.
Ruth Wilderman, *Fourth Grade*
A.B. Fairmont State College.
Helen Janes Crowe, *Fifth Grade*
A.B. Fairmont State College.
Gene Carpenter, *Sixth Grade*
A.B. Bethany College.

UNION SCHOOL (RURAL)

Edith G. Jordan, *Teacher*
A.B. Fairmont State College.

RETIRED STAFF MEMBERS

Joseph Rosier, *President Emeritus*
P.Pd., A.M. Salem College; L.L.D. Marshall College
Virginia Gaskill, *Home Economics*
Household Arts Diploma, Mechanics Institute; B.S., A.M. Columbia University.
Mary Blanche Gibson, *Education*
A.B. West Virginia University; A.M. Teachers College, Columbia University.
Frank Hall, *Education*
B. S. West Virginia University; A.M. Teachers College, Columbia University.
Maud M. Hull, *Education*
A.B. West Virginia University; A.M. Teachers College, Columbia University.

LAURA F. LEWIS, *English*
A.B. West Virginia University; A.M. Columbia University.
E. L. LIVELY, *Sociology*
B.S. West Virginia University; A.M. Ohio State University.
M. E. MCCARTY, *Mathematics*
A.B., A.M. University of Michigan.
MAHALA DORCAS PRICHARD, *History*
A.B. West Virginia University; A.M. Teachers College, Columbia University.
HAROLD F. ROGERS, *Chemistry*
A.B. West Virginia; A.M. Harvard University.
FRANCIS SHREVE, *Education*
A.B. West Virginia University; A.M. Ohio State University; Ph.D. George Peabody College for Teachers.
OLIVER SHURTLIFF, *English*
A.B., A.M. West Virginia University.
FRANK S. WHITE, *Education*
A.B University of Pittsburgh; A.M., George Peabody College for Teachers

FACULTY COMMITTEES

ATHLETICS—Lindley, Chairman; Barry, Carmichael, Chapline, Colebank, Davis, Haught, Jaynes, Walters, Wilson, Students
BUILDINGS AND GROUNDS—Mohrman, Chairman; Crenshaw, Davis, Johnson, Larkin, Pence, Potesta, Roberts, Taylor, Zeimes, Students
CLASSIFICATION AND CREDITS—Ice, Chairman; Collins, Johnson, Lindley, Lucker, Pence, Rhodes.
COMMENCEMENT—Ward, Chairman; Compton, Ford, Greco, Lucker, Richmond, Roberts, Wolfe, Zeimes, Students
CURRICULUM—Pence, Chairman; Fryxell, Howard, Hunt, Ice, Jaynes, Jones, Rogers
IN-SERVICE TRAINING OF TEACHERS—Howard, Chairman; Ford, Hunt, Pence, Rhodes, Willard
LIBRARY—Jones, Chairman; Bennett, Opp, Price, Schroder, Shutts, N. Taylor, Terry, Students
LIBRARY BUILDING—Jones, Chairman; Barnitz, Boylan, Davisson, Fryxell, Hand, Larkin, Mohrman, Wise, Pence
POLICY—Hand, Chairman; Bayley, Boylan, Ford, House, Hunt, Ice, Jones, Larkin, Pence, Turley
PROGRAMS—Fryxell, Chairman; Davisson, J. Evans, Jones, Wallman, Walters, Zeimes, Students
PUBLICATIONS AND RADIO—Turley, Chairman; Carroll, House, Hunsinger, Musick, Pence, Sager, Wallman, West, Students
REVIEW COMMITTEE ON ENGLISH USAGE—Tate, Chairman; Collins, Davisson, Layer, Wise
SOCIAL—Bayley, Chairman; Hitchcock, Turley, Students
STUDENT BUDGET—Larkin, Chairman; Bayley, Crystal, Hitchcock, Layer, Potesta, Turley, Students
STUDENT COUNCIL—Bayley, Turley
STUDENT PERSONNEL—Bayley, Chairman; Bennett, Crenshaw, Horton, Hunt, Pence, Turley, Students

GENERAL INFORMATION

LOCATION

Fairmont State College, an institution of higher education for the young men and women of West Virginia, is located in Fairmont. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving city of some 30,000 inhabitants. Being served by two railroads, several bus lines, and Highways 19, 31, 73, and 250, it is easily accessible from all points of the state. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community choral groups, a municipal symphony orchestra, and a Little Theatre organization provide excellent outlets for local talent. Students and faculty members of Fairmont State College are encouraged to take active parts in these various community activities.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local chruch, Fairmont State College has successively occupied sites at the head of Adams Street (Newspaper Building), at Second and Fairmont Avenues on the site of the present United States Post Office, and since 1911 in its present location.

Fairmont State College claims to be the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examinations. In 1924, Fairmont granted its first bachelor's degrees in education on the basis of the completion of a four year college course. In 1931, the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. This title was again changed by the Legislature of 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the City of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue, one of Fairmont's busiest thoroughfares.

Auditorium facilities, capable of seating 500 persons are located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies and other important campus activities are carried on.

Library reading and stack rooms are located in the other wing of the Administration Building. The Library contains a well-balanced collection of books on subjects covered by the curricula, important books for general information, books for leisure reading, and an excellent reference collection of the standard general and special works. There are over 28,000 volumes, exclusive of government documents, for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several departments and organizations.

Science Hall is a large light brick building housing the departments of Natural and Biological Sciences and Home Economics.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the various activities of the Physical Education Departments, and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is the newest of the principal buildings on the campus. It is a single story frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings each 60'x25'. The building is so constructed that in the very near future it can be bricked veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field, including automotive instruction.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Adjacent are six tennis courts.

Quonset Studio, designated as "Studio D," is available for instruction in ceramics and sculpturing.

Veteran's housing units, nine in number, are located on the campus conveniently adjacent to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 64 single men, 18 married men without children, and 6 married men with children.

New buildings, to be constructed as soon as conditions permit, include a President's home, and a Library Building.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of Colleges for Teacher Education, and is a member of the Association of American Colleges and the American Council on Education. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree may not be less than 128 and may be more, since one quality point is required for each semester hour attempted in addition to one point for each semester hour earned. As a detail of this quality point requirement, as many points as hours must be earned in each major and minor subject or teaching field.

Beginning with January, 1951, no student shall be awarded more than one baccalaureate degree, irrespective of the nature and number of courses he shall have taken.

ADMISSIONS

Admission to Fairmont State College may be obtained in one of three ways:

1. By a certificate of graduation and credit properly certified from an accredited high school.

2. By properly certified transcript of credit and statement of good standing from a standard college or university.

3. By examination.

These three methods are described in detail below:

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Students entering Fairmont State College from colleges and universities must have sent to the Registrar an official transcript of credit and a statement of honorable dismissal from the institution last attended.

A transcript to be official must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper officials. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits and the grade. A transcript when accepted becomes the permanent property of the college and will not be returned to the student.

Examination for Entrance: Veterans of World War II who have not graduated from high school will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

Examination for Advanced Standing: Veterans of World War II may take General Educational Development tests on the college level for advanced standing.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of twenty (20) hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admissions:

1. A mature student who is twenty-one years old or older may enter Fairmont State College without meeting the entrance requirements as a special student, but he must meet entrance requirements before he can be granted a degree or be recommended for a teacher's certificate.

2 A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

Prior to registration day an official transcript of credit should be filed in the Office of the Registrar for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. (See college calendar for dates.) Students who register after the dates specified will have a late registration fee of two dollars added to the regular fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the Registrar's Office until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

Final registration is conducted on the main floor of the Administration Building during the hours from 8:00 to 12:00 Noon and from 1:00 P.M. to 4:00 P.M.

Pre-registration opportunities for students in residence will be given as follows: for the 1950 Summer Session and the first semester of the 1950-51 college year during the May 8-12 period; for the second semester of the same college year during the December 11-15 period. Students are expected to contact their advisers for pre-registration in these periods. This should be done if the student has any expectation of entering the ensuing semester. Students failing to pre-register will lay themselves open to a penalty fee of two dollars.

SEMESTER HOURS — DEFINITION

The semester hour is the basis of college credit within the institution. A semester hour is the credit received for taking a subject one hour per week for one semester or eighteen weeks.

Laboratory courses require two periods per week for eighteen weeks for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
E—Condition, indicates unsatisfactory work and the grade cannot be higher than D if condition is removed. Grade of E must be made up within one year of residence or it becomes F.
F—Failure, signifies entirely unsatisfactory work. Course must be repeated if credit is to be received.
FIW—Failure because of irregular withdrawal. (See page 17)
I—Incomplete, given to students who miss some of the last exercises of the class work because of illness, or some other equally good reason. When the work missed is done satisfactorily the final grade may be any one of the four passing grades. If the deficiency represented by I is not made up within a year of residence the grade I automatically becomes F.
WP—Withdrew Passing, from one class or from college.
WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least as many quality points as semester hours to their credit, that is, a point-average of 1, on all college work.

Quality points for grades A, B, C, D, are computed as follows:

A—Three (3) quality points for each semester hour of credit.
B—Two (2) quality points for each semester hour of credit.
C—One (1) quality point for each semester hour of credit.
D—No (0) quality points for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

CLASSIFICATION OF STUDENTS

Students who have completed not less than eighty-eight hours of college work are classified as seniors.

Students who have completed not less than fifty-six hours and not more than eighty-seven hours of college work are classified as juniors.

Students who have completed not less than twenty-four hours and not more than fifty-five hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than twenty-three hours of college work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen. Courses 200-299 are for sophomores. Courses 300-399 are for juniors. Courses 400-499 are for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by special permission of the Committee on Classification and Credits. An adviser may not give permission for more than seventeen hours. Two laboratory hours shall count as one semester hour.

2. Schedule Changes. When a student has received his assignment, he cannot change it except by permission of his adviser. Any change made, at the student's request, later than the first full week of the regular semester will involve payment of a $1.00 fee. After three weeks of the semester have passed, permission to change a schedule must be obtained from the Committee on Classification and Credits, and the fee for schedule changes must be paid.

A course officially dropped within the first third of a semester or term will not be recorded on the student's permanent record card. A course dropped later in the semester or term will be recorded on his record card with the grade of WP or WF.

After the middle of the semester or term, no drop slips will be issued except for students who withdraw from college.

3. Late Registration: The last day of registration for a semester shall be the tenth day classes are in session for the semester; the last day of registration for a six-week term or a nine-week term shall be the sixth day classes are in session for the term; and the last day of registration for evening classes shall be the third meeting of these classes. If a student enters late, his load in semester hours is subject to reduction in proportion to the time he is late.

4 Withdrawal from the College. A student desiring to withdraw from the College should apply at the Registrar's Office. Here forms may be obtained which when completed and deposited with the Cashier's Office, the Student Personnel Office, and the Registrar's Office will constitute official withdrawal. The instructor records a W on his class card followed by the date of last class attendance: thus, W 3-14-45. In case such drop notice is issued later than one calendar month after the date for the first class meetings in the semester, the W will also be accompanied by a grade to show the quality of the student's work up to the time of the last attendance: thus, WP 3-9-46, passing, or WF 3-2-46, failing. Such grades can be used as part of the student's record for the semester in determining his eligibility for enrollment the following semester. Withdrawals from course may not be secured after the middle of the semester.

Students who withdraw from the College without permission will receive at the end of the semester a grade of FIW (failure because of irregular withdrawal) in each subject for which they are registered.

5. Repeating a Course. With the approval of his academic adviser, a student may repeat a course in which he has received an F, or a low grade. When this is done, the higher grade and hours of credit will be used in figuring the student's point average.

6. Minimum Residence Requirements for Graduation: For each degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than thirty weeks' work in residence with not less than thirty hours credit.

Exception is made in the cases of those students who have completed three years of required work in Fairmont State College and who wish to complete the senior year in some approved college of law or medicine.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

GRADUATION WITH HONOR

Candidates for graduation who have achieved special distinction in academic work are recognized at Commencement by having printed on their diplomas, first, second, or third honors as determined by quality points: Highest honor (2.75 and above); High honor (2.5 to 2.74); Honor (3.0 to 2.49). Honors at Commencement are based upon the entire scholastic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged.

A student who defaults in the payment of any college dues or loans forfeits his right to claim a transcript.

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names.

All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may later in the same semester or term be considered as enrolled in this class for the purpose of obtaining credit.

No record is kept of the work and attendance of students admitted to the classes as auditors, and no credit is given for their work in such classes.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar, and upon payment of a small fee.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers as of the middle of the semester. These reports, unless there are special reasons, are not mailed to the student's home address. Final reports, prepared by the Registrar's Office, are mailed to the student's home address at the close of each semester or term.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Registrar's Office. All tests are administered by the College Testing Service.

Application must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant must be enrolled or must have completed successfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination, otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION

A student who, in any semester, earns credit in less than two-thirds of his scheduled load and falls below a point-average of .5 will be placed on probation for low scholarship and both the student and his parents will be notified. A student assigned to probation is denied the privilege of:

1. Participating in extra-curricular activities on or off-campus.
2. Representing the college in any official capacity.
3. Carrying an academic load to exceed 12-13 semester hours of credit.

DISMISSAL FOR LOW SCHOLARSHIP

No student is permitted to remain on probation for more than one semester. If he does not earn credit on three-fourths of his scheduled load and a point-average of .7 in the semester in which he is on probation, he is automatically dropped from the college for low scholarship. The student and his parents will be notified.

A student dropped for low scholarship may petition the Committee on Classification and Credits for reinstatement after the lapse of one semester and may be reinstated if the Committee is convinced of his ability and desire to do satisfactory work. If reinstated, the student must meet the regular scholastic regulations from that time on in all college work. These scholastic requirement are stated above.

For the purpose of handling probation problems, two six week summer terms will be considered the equivalent of a semester.

FEES

All registration fees are payable on the day of registration.

Students leaving college should check with the Cashier's office to see if all fee payments have been adjusted. If all fees have been paid, those withdrawing before the end of the first week may obtain a refund of all refundable fees; those withdrawing before the end of the second week may obtain a refund of three-fourths; those withdrawing before the end of the third week may obtain a refund of one-half; and those withdrawing before the end of the fourth week may obtain a refund of one-fourth. No part of the fees may be refunded in case of withdrawal after the end of the first four weeks of the regular session. Application for refunds must be made to the Cashier of the College at the time of the student's withdrawal.

If all fees have not been paid, the amount due the College will be considered due and payable in accordance with the above schedule, and any amount paid in excess of the amount due will be refunded.

If regular withdrawal become necessary in either summer term and all fees have been paid, one-half of the refundable fees will be refunded in the first week. No refunds are allowable after the first week. If all fees have not been paid, and withdrawal takes place in the first week, one-half of the total refundable amount due the College must be paid. Any amount paid in excess of the amount due will be refunded.

All fees which pertain to an entire period, that is, a semester or six week term, are considered refundable.

Regular enrollment (more than eight hours)

Registration Fees

	W. Va. Residents*	Non-Residents*
State enrollment fee (Per semester)	$25.00	$100.00
Student activity fee (Per semester)	10.00	10.00

Summer Session Enrollment

One term only	20.00	33.33
First and second terms	30.00**	66.66
Student activity fee (Payable one term only)	2.00	2.00

*Definition of residence from the minutes of the State Board of Education, March 13, 1936:

> "The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."
>
> Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute citizenship within said state for the purpose of establishing residence under this provision.
>
> "A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student.

**In order to avail themselves of the $10.00 resident fee for the second term, students must have attended the first term.

Laboratory Fees

Art 283, 284, 483, 484	$ 2.00
383, 384	5.00
Biology 101, 102	1.00
Botany 101, 102, 103, 122, 230, 240, 310, 324, 330, 340, 371, 400, 415	1.00
Chemistry 101, 102, 107N, 201, 240, 241	2.00
301, 303	3.00
Engineering 112, 115, 212	7.50
113, 209	1.00
Home Economics 201, 202, 302	2.00
Industrial Arts 101, 134, 202, 220, 234, 304, 320, 322, 334, 345, 346, 420, 422, 434	7.50
308, 404	5.00
110, 230	4.00
130, 414	3.50
303, 314, 342, 442	2.50
140, 242, 350, 450	1.00
Office Administration 311	2.00
Physics 101, 103, 210, 211	3.00
310, 311	5.00
Retailing 305	2.50
Speech 105	1.00
Zoology 110N, 103, 310, 320, 321, 350, 450	1.00
410, 420	2.00

Music Fees

Piano or Voice Lessons (One lesson per week-18 weeks)	$ 25.00
Instrumental Lessons (One lesson per week-18weeks)	25.00
Instrumental Rental Fee	2.00

Special Fees

Late registration fee	$ 2.00
Fee for failure to pre-register (Resident students only)	2.00
Diploma fee	3.00
Fee for rental of cap and gown	.75
Freshman orientation fee	1.50
Change of schedule fee (made later than first full week)	1.00
Transcript fee (First transcript is furnished free)	1.00
Special examinations for course credit (each)	3.00

Special Enrollment Fees

Schedule of Part-time Student Fees (8 hrs or less)	
For first credit hour	$ 5.00
For second credit hour	3.00
For third credit hour	2.00
For fourth to eighth credit hour, Per hour	3.00
Extension classes — Per semester hour	7.50
Auditing fee — Per course	5.00

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Through the offices of the Dean of Women and Dean of Men the College offers many services to all its students. These services include housing for men and women, freshmen orientation, testing, counseling, remedial assistance in reading, study habits, etc., placement service for graduating seniors seeking positions, and financial assistance through part-time employment and loan funds.

HOUSING FOR WOMEN

Morrow Hall is the domitory for women students on the campus. It houses seventy women with a program of self-government supervised by a trained house director. This is a lovely building, well-equipped, providing in addition to sleeping and study facilities, attractive social rooms, laundry facilities, and a dining room where the residents get all their meals. Students provide their own linen.

A room deposit of $10.00 must be paid to reserve a room in Morrow Hall. This deposit will be returned at the end of the semester or college year less deductions for any damages to Morrow Hall property. Reservations should be made at an early date by writing the Director of Morrow Hall. Make checks covering the required deposit payable to Fairmont State College. During the regular eighteen week semester, rooms may be had at Morrow Hall for $36.00 or $45.00, the rent varying according to the desirability of the rooms. Rooms are not rented for less than a full semester. This amount must be paid at the beginning of each semester.

Board at Morrow Hall is at the rate of $135.00 per semester, and is payable at the beginning of each semester, or quarterly during that semester. Business conditions may require changes in room and board rates as stated.

A file of approved homes near the College offering rooms for rent to women students is maintained in the Dean of Women's office. Women planning to room off the campus should write the Dean of Women as early as possible for the names of approved householders. Any woman student not living in her parent's home must have her room approved by the Dean of Women.

HOUSING FOR MEN

Veterans' housing units located on the campus provide rooms for single veterans, also a limited number of units are available for married veterans. These units are completely furnished. Further information may be obtained by writing the Dean of Men.

A file of other approved housing facilities for single and married men is maintained in the Dean of Men's office. Reservations for rooms off the campus are not made by the College. Names of householders may be obtained by writing the Dean of Men.

TESTING AND COUNSELING SERVICE

The Student Personnel Office provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel is maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PART-TIME EMPLOYMENT

A registry of part-time jobs, available both on and off campus, is maintained in the Student Personnel Office. On the college campus, students find employment in such jobs as clerical assistant, library assistant, instructor's assistant, kitchen and dining room work, groundkeeping, and other similar activities. Under present pay schedules, students are paid fifty cents per hour for all part-time employment on the campus.

PLACEMENT SERVICE

This service is available to all persons graduating from the College, and those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni, who hold degrees or certificates, are welcome to register. Assistance in placements in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upper class students. During a week's period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, traditions of the "Hill", and take part in many social events. Also they are given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes, in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. If the student has decided upon his major field of study, the chairman of that department, or some other member of the staff of the department, will be the student's adviser, and will remain his adviser throughout that student's college career. If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Mid-semester grade reports are given out to students by their advisers.

STUDENT LOAN FUNDS AND SCHOLARSHIPS

Student loan funds, now totaling approximately $2,200.00, are available for student use. These funds are drawn from the Louise West Hite Fund, the Myrtle Rice Leonard Rund, the Student Loan Fund, and the American Association of University Women Fund. As a general rule, interest at the rate of four per cent is charged for loans from these funds, and all loans are repayable within one year after graduation or withdrawal from college.

There are numerous scholarships and fellowships available for graduating seniors in other college and universities. Those students interested in doing graduate work under the terms of such grants should contact the Student Personnel Director for further information.

SERVICE TO VETERANS

Fairmont State College is prepared to meet the needs of returning service men and women. The office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans' requests for information should be addressed to the Veterans' Coordinator at the College.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

HEALTH SERVICE

All students entering Fairmont State College for the first time are required to have a health examination. Appointments for this examination should be made with the Health Service at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations, on the part of the student, will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he will be assigned to this training.

Facilities for rest during the day are available for students who wish to use them.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days, from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria, located on the first floor of the Administration Building, is open for service every day of the week with the exception of Sunday. Here excellent meals may be obtained at cost. Special rates are available for weekly service. The "Big Nickel," a snack bar, is operated in the Student Lounge.

BOOKS AND SUPPLIES

Textbooks, drawing materials, notebook paper, and other supplies, are purchasable at the College Bookstore located in Room 203A Administration Building. Veterans may charge the books and supplies they buy to their official accounts.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities, and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

The **Student Council** is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

The **Student-Faculty Social Cabinet** is composed of representatives of these two groups under the chairmanship of the Vice-president of the Student Council. The campus social program for the school year is arranged through this cabinet.

The **Student-Faculty Budget Committee,** as provided for in a recent amendment to the Student Body Constitution, meets each semester to determine the allocation of the student activity funds among the various campus organizations requesting this assistance. The budget prepared must be approved by the Student Council.

The **Inter-Fraternity Council** coordinates the activities of the Men's and Women's Pan-Hellenic Associations.

Class Organizations are set up for each of the several academic class groups. Each class elects its own officers, and carries on such activities as the group concerned desires.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Buenos Vecinos (Spanish)
Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Social Science Club
Splashers Club
Women's Athletic Association

Honoraries

Alpha Psi Omega (Dramatics)
Blazers (Senior Women's Honorary)
Kappa Delta Pi (Education)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Pi Upsilon Phi (Journalism)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintain a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations which strive toward high standards of scholarship and leadership among the groups and toward developing good college spirit. These organizations are listed below:

Fraternities	Sororities
Kappa Sigma Kappa (National)	Alpha Delta Chi
Sigma Tau Gamma (National)	Delta Sigma Epsilon (National)
Tau Beta Iota	Gamma Chi Chi
Zeta Sigma	Pi Kappa Sigma (National)
	Sigma Sigma Sigma (National)

RELIGIOUS ORGANIZATIONS

The Fairmont College Christian Fellowship was organized during the 1947-48 college year. This organization replaces a number of earlier organizations of a similar character on the campus. The new organization seeks to promote activities of a religious nature among the students. The various churches in the city have active groups made up primarily of college students.

PUBLICATIONS

THE COLUMNS is the student newspaper published every two weeks during the school year. The Publication Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism, or who have had practical experience on publications. The Columns was named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is the year book published annually by the students. The administrative officers of the staff are elected by the Student Body. All phases of college life are depicted in the annual, largely by pictures. It was named from an historic spont on a former campus. It is financed from student fees and advertising.

The **Student Handbook** is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont State College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college. Humor magazines also are published occasionally under the sponsorship of the Student Body.

Bulletins, both daily and weekly, are posted on bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty pieces. This organization is open to both men and women. Tryouts will be held at various times throughout the year.

The Fairmont State College Orchestra is maintained for those students interested in this type of ensemble. Students who play orchestral instruments

are urged to contact the director for entrance tryouts. The orchestra performs at plays and various other school activities where such an organization is desirable.

The Women's Choral Club is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. Open to all women who can do part singing.

The Fairmont State College-Community Male Chorus is composed of men from the College and community interested in chorus singing. Men interested in participating in this activity are urged to contact the Director for tryouts and placement.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, gives an annual spring concert and forms the nucleus for the "Messiah" which is given each year with organ and orchestra. Open to all students with or without credit. Membership may be obtained by contacting the Director.

INTERCOLLEGIATE DEBATING

Fairmont State College sponsors debate teams each year. The teams debate traditional West Virginia rivals and take part in the annual State Speech Festival which is held in the spring of each year. The debate teams have traveled widely in the tri-state area, and have, occasionally, made some more extensive trips. Debating is especially profitable to those students interested in pre-law work, political science, business and economics, history and current affairs. All students are welcome to try out for this activity.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize (See below).

CONTESTS

The Frank C. Haymond Constitutional Prize Contset.

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25.00. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length, and are due on or before April 15th in each school year. Apply to chairman of Political Science Department.

The M. M. Neely Oration Contest.

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the College. A faculty committee is in charge of this contest. Apply to chairman of the Speech and Dramatics Department.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two major plays are produced each year. Tryouts are open to all students and everyone has equal opportunity to participate in dramatic activities. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

Several children's plays are produced each year, and numerous one-act plays give new students ample opportunity to show their talents. Each year a one-act play is sent to the Dramatic Festival of the West Virginia Intercollegiate Speech Association held at the various colleges of the state.

CAMPUS HIGHLIGHTS

Campus Highlights, a weekly radio program, is produced by the radio department of Fairmont State College and has been a regular feature of Station WMMN for twenty years. These programs are for the most part student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern, professional quality studio is located on the ground floor of the Administration Building. Many of the college programs originate from this studio. These facilities afford opportunities for students to do professional caliber radio work under proper supervision.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

Arrangements provide for weekly assembly periods. At these times matters affecting the entire student body will be presented, and programs, planned for their educational and entertainment value, will be given by student and outside groups. Persons desiring to sponsor any of these assembly programs should contact the Chairman of the Program Committee or the President of the Student Council as early as possible.

The Program Committee of Fairmont State College, composed of faculty members and representatives of the student body, each year sponsors a number of programs of a broadly cultural and intellectual nature for the benefit of the student body and the community. These programs, to which students are admitted free of charge, are evening affairs that bring to the campus outside professional groups and individuals who are nationally known in music, in art, in the drama, in the dance, and as lecturers. Recent programs have featured such talent as the Barter Theatre of Virginia and William L. Shirer. A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, and tennis. A new cinder track is being added to the unusually fine indoor and outdoor physical educational and recreational equipment available at Fairmont State College. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of both men and women students. Teams are organized for competitive play among various groups and organizations. The pool is open for recreational swimming at certain times, and other facilities for individual and group recreation are available. The Women's Athletic Association directs the intramural program for women, and staff members direct the men's program.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the College. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

A special effort is made to have the alumni attend, in large numbers, one of the football and one of the basketball games played each season, and a luncheon is usually held in connection with Commencement festivities. Additional alumni activities are scheduled occasionally.

Officers serving in the 1949-50 period are Irving L. Smith, President; Edgar Lane Bryan, Vice President; and Mrs. Myra G. Morgan, Secretary-Treasurer.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following:

Who's Who Among Students in American Universities and Colleges is awarded to seniors and juniors who have contributed to the college in an outstanding manner. The biography of these students is printed annually.

Edna Earl Lowe Memorial Award, in the amount of $20.00, is offered by the American Association of University Women each year to the most worthy graduating senior girl. This award is given in memory of Mrs. Lowe.

The Blazers is an honorary organization for outstanding senior women who have academic standing as well as extra-curricular achievements.

Four Outstanding Seniors, both men and women, are chosen by vote of the faculty each year.

Athletic letters and awards are made for achievement in activities of this nature.

Many other students are recognized for exceptional work in various departments of the College, including Journalism, Dramatics. and others.

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

GENERAL INFORMATION

The requirements for the Bachelor of Arts and the Bachelor of Science degrees differ chiefly in the choice of major fields, although the selection of courses in these fields may also determine the degree to be earned. The degrees and the majors offered are as follows:

Bachelor of Arts Degree

Art
Economics
English
French
History
Home Economics
Journalism
Mathematics
Music
Philosophy and Religion
Political Science
Psychology
Sociology
Spanish
Speech and Dramatics

Bachelor of Science Degree

Botany
Chemistry
Health
Home Economics
Industrial Arts
Mathematics
Office Administration
Physical Education
Physics
Recreation
Retailing
Zoology

Candidates for either of the two degrees listed above must have 128 semester hours of credit and 128 quality points as a minimum requirement for graduation. Fifty hours of the requirement must be earned in courses numbered within the 300-499 levels. Believing in the principle of general education upon which to build a program of specialized training, the Faculty of Fairmont State College has set up the list of general requirements listed below. In addition each candidate must also have completed all requirements in one major field with an average of "C" or better. The selection of minor fields is optional. All requirements, in summary form, follow:

General Requirements	42 Sem. Hrs.
Major Subject	24-44 Sem. Hrs.
Electives	42-62 Sem. Hrs.
(18-24 hours may be used as a minor, if desired)	
Total required for graduation	128 Sem. Hrs.

All students who entered, or will enter, Fairmont State College after September, 1946, will be expected to follow the general requirements set forth in the catalogue of the year in which they entered. Exception is made for those students who entered in September, 1949. Such students are permitted to follow the general requirements listed in this 1950-51 catalogue.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English could count the general requirements in Composition and Literature as part of his major work, and a major in Chemistry could count basic courses in that field and in the related field of Physics as meeting the general requirements in Physical Science.

Attention is also directed to the fact that many of the general requirements may be satisfied by passing successfully an examination covering their content

Foreign language is not a general requirement. A number of departments however, require the completion of twelve (12) semester hours of foreign language, or its equivalent.

Beginning with the academic year, 1950-51, all graduating seniors seeking Bachelor of Arts and Bachelor of Science degrees will be required to take the comprehensive Graduate Record Examination.

Students pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meet state certification requirements in one or more teaching fields, including the required professional courses, will be recommended for first class teaching certificates in the areas in which they may be qualified.

It is the responsibility of candidates for degrees to know and meet the general requirements of the College and the specific requirements of their chosen curricula. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

It is expected that, in the changing of general and specific course requirements, a number of students will experience some difficulty in making the necessary adjustments. The Committee on Classification and Credits, which meets weekly, has full authority to make such adjustments in course requirements as may seem to deal justly with the situations presented.

GENERAL RFQUIREMENTS*

(All Major Fields)

Areas of Study	Specific Courses	Hours Credit
Art#	255	2
English Composition**	102, 104	6
History	101, 102	6
Library Science	101	1
Literature**	202, 204, or 341, 342	6
Music#	205	2
Physical Education	101, 111(W) 115, 116(M)	2
Psychology**	203 or 204	3
Science		6
Biological Science** or Physical Science** # x	101, 102 or 201, 202 or 315, 316	
Social Science** #	201, 202	6
Speech	101	2
	Total	42

*In addition to the requirements listed herein, all students must take a standardized test in Arithmetic at the time of initial enrollment. Students failing the Arithmetic test must enroll for and pass Math. 141 or 205, or any other 2-4 hour Math. course.

**May be satisfied by examination and credit will be allowed.

#Required of non-majors in the field. Majors will start work in the basic courses of their major field immediately upon enrollment. In addition, Social Science majors will take at least one course in two related fields. Physical Science and Biological Science majors will take at least one course in one related field.

xStudents fulfilling their 6 hour Science requirement with Phy. Sci. 201-202 must also schedule Health 102.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR — 36 Sem. Hrs

History of Art — 10

255 History and Appreciation of Art	2
278 Ancient and Medieval Art	3
377 Italian and Northern Renaissance Art	3
378 Nineteenth Century and Contemporary Art	3
477 Seminar in Art History	2

Studio Work (One major area in Art) — 12

Ceramics and Sculpture

283 Modeling and Sculpture	2
294 Modeling and Sculpture	2
383 Ceramics	3
384 Ceramics	3
483 Advanced Sculpture	2
484 Advanced Sculpture	2

Commercial Art (Design)

291 Commercial Art	3
292 Commercial Art	3
391 Fashion Illustration	3
392 Textile Design	3
491 Interior Design	3

Drawing and Printmaking

141 Art Structure	2
142 Drawing	2
241 Drawing from Life	2
242 Drawing and Painting from Life	3
341 Printmaking	2
342 Printmaking	2

Painting

361 Painting in Oil	3
362 Painting in Oil	3
363 Painting in Watercolor	3
364 Painting in Watercolor	3
365 Painting in Gouache	3
461 Advanced Painting in Oil	3
462 Advanced Painting in Oil	3
463 Painting in Any Medium	3
464 Mural Painting and Mosaic	3

Studio Work (Selected from two major areas; see courses listed under Ceramics and Sculpture, Commercial Art, Drawing and Printmaking, and Painting above). — 14

MINOR IN ART — 24 Sem. Hrs.

History of Art Courses (See Above)	4
Studio Work Courses (See Above)	20

BOTANY

MAJOR — 32 Sem. Hrs.

Required Courses

101, 102 General Botany	8

State College Library Fairmont, W. Va.

230	Systematic Botany	2-4
240	Plant Ecology	4
310	Plant Physiology	3
314	Plant Geography	3
330	Field Botany	2-4
340	Morphology of Algae and Fungi	4

Elective Courses 2-6

312	Garden Materials	3
316	Economic Botany	3
371	Plant Anatomy	2-4
400	Bryophytes and Pteriodhytes	3-5

Language: French and/or German (recommended) 12 Sem. Hrs.

NOR IN BOTANY 24 Sem. Hrs.

Required Courses: 101, 102, 240, 310, 330; 5-8 hrs from 312, 314, 316, 340, 371, 400.

BUSINESS

AJOR 39 Sem, Hrs.

Required Courses (All Curricula) 24

Bus. 102	Principles of Business	3
201, 202	Principles of Accounting	6
306, 307	Business Law	6
Econ. 101	Econ. Development of the U. S.	3
201, 202	Econ. Prin. and Problems	6

Required Courses from Business, Economics and Retailing (These courses must be selected from special curricula, in the above fields) 15

Language. No requirement, but French, German or Spanish is desirable.

NOR IN BUSINESS 18 Sem. Hrs.

Required Courses: Bus. 102, 201, 202 9
Econ. 101, 201, 202 9

CHEMISTRY

AJOR 28 Sem. Hrs.

Courses Available

101, 102	General Chemistry	8
201	Qualitative Analysis	4
240, 241	Quantitative Analysis	8
301, 303	Organic Chemistry	8

nguage (French or German) 12 Sem. Hrs.

nor in Chemistry (Not Offered)

ECONOMICS

AJOR 34 Sem. Hrs.

Required Courses

Econ. 101	Econ. Devel. of the U. S.	3
201, 202	Econ. Prin. and Probs.	6
302	Economics of Labor	3
303	Money, Credit and Banking	3
402	Public Finance	3
403	International Economics	3
404	Comparative Econ. Systems	2
405	Hist. of Econ. Thought	2
Bus. 102	Prin. of Business	3
304	Marketing	3
401	Business Finance	3

nguage, no requirement, but French, German, or Spanish is desirable.

MINOR IN ECONOMICS — 18 Sem. Hr
Required Courses
Econ. 101; 201, 202; 302 or 303 — 12
Bus. 304; 401 or 402 — 6

ENGLISH

MAJOR — 36 Sem. Hr
Required Courses, Composition
102, 104 — 6
208, 302, 304, 321, 413 — 4 — 10
Required Courses, Literature
202, 204 — 6
351, 352 or 361-362 — 6
313, 314, 431, 451 — 4
318, 325, 326 — 3 — 19
Elective Courses, English — 7
Language (One, selected from French, Spanish, or German — 12 Sem. Hr

MINOR IN ENGLISH — 24 Sem. Hr
Required Courses: Same as in major — 12
Elective Courses: Composition — 2
Literature — 10

FRENCH*

MAJOR — 24 Sem. Hr
Required Courses
101, 102 Elementary French or equivalent — 6
201, 202 Second Year French — 6
**301 Literature of the 17th Cent. — 3
**302 Literature of the 18th Cent. — 3
**309 Adv. Grammar and Comp. — 2-3
**421 The Romantic Movement — 3
**422 French Literature Since 1850 — 3
**431 French Civilization and Culture — 3
Language (Spanish) — 6-12 Sem. Hr

MINOR IN FRENCH — 18 Sem. Hr
Required Courses
101, 102 or equivalent — 6
201, 202, and electives — 12

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 hours should be selected from courses marked with asterisks.

HEALTH

MAJOR — 40 Sem. Hr
Health Courses
102 Personal Health — 2
206 Home Nursing — 2
241 First Aid and Safety — 2
302 Community Health and Sanitation — 2
306 Marital Relations — 2
308 School Health Problems — 3
404 Physical Inspection — 2
408 Public Health Problems — 3
461 Organization and Administration — 3
Psychology
304 Child Psychology — 3
335 Psychology of Personality — 3

Zoology
350 Comparative Anatomy 4
450 Human Physiology 4
Home Economics
303 Nutrition 3
330 Child Care and Development 2

HISTORY

MAJOR 30 Sem. Hrs.
(18 hours in American or European history; 12 in the other field of history).

Required Courses (American)		12-18
207, 208 A Survey of U. S. Hist.	6	
304, 306 Latin American History, or	6	
315, 316 Early American History, or		
409, 410 Recent American History		
462 Intro. to Hist. Research	3	
Elective hours to complete requirement	3	12-18
Required Courses (European)		
101, 102 World Civilization, or	6	
221, 222 Modern Europe		
307, 308 English History, or	6	
309, 310 Hist. of Western Culture		
462 Intro. to Hist. Research	3	
Elective hours to complete requirement	3-5	

Language (French, German or Spanish) 12 Sem. Hrs.
Economics, Geography, Political Science, Sociology 12 Sem. Hrs.

MINOR IN HISTORY 18 Sem. Hrs.
(12 in American or European History; 6 in the other fields of history)
American: 207, 208; electives.
European: 101, 102 or 221, 222; electives.

HOME ECONOMICS

MAJOR AB Degree—35 Sem. Hrs.
BS Degree—39 Sem. Hrs.

Required Courses	AB	BS
*101 Elementary Clothing	3	3
*102 Clothing Selection and Const.	2	2
*104 Principles of Clothing Design	2	2
*201 Elementary Foods	3	3
*202 Advanced Foods	3	3
*210 Textiles	3	3
303 Nutrition	3	3
312 Consumer Education	3	
*315 Home Management	3	3
*320 Home Planning and Furnishing	4	4
330 Child Care and Development	2	2
340 Quantity Cookery		3
*351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
414 Institutional Management		3
	35	39

Language (BS Degree): French, German, or Spanish 6 Sem. Hrs.

HOME ECONOMICS AS A MINOR 25 Sem. Hrs
Required Courses: 101, 102, 104, 201, 202, 210, 303, 315.
*The courses starred indicate courses required for state certification.
Recommended for BS degree, Bot. 324, Zool. 310, Chem. 201, 301

INDUSTRIAL ARTS

(For major and minor requirements, see page 50)

JOURNALISM*

MAJOR 42 Sem. Hrs
Required Courses

140 Introduction to Reporting	3
240 Advanced Reporting	3
302 Editing and Make-up	2
305 History of Journalism	3
312 Publication Problems	2
320 Advertising	3
412 Journalism Practice	2
470 Communications in Society	2
471 The Newspaper and Society	2
Economics 305	3
English 302, 304, 413	2
History 205	3
Political Science 206, 207, 302, 303	6
Spanish, French, or German	6

Additional suggested courses:
Art 291, 292, 391
Business 304, 306
Office Adm. 101 (Typing)
Philosophy 101, 210, 301
Psychology 205
Retailing 311
Speech 234, 400

MINOR IN JOURNALISM
Required courses: 140, 240, 302, 305, 312, 320, 412 18
*General recommendations of the American Association of Schools and Depar ments of Journalism have been observed in setting up requirements an courses.

MATHEMATICS

MAJOR* 37 Sem. Hrs
Required Courses 31

121 Solid Geometry	3
221 College Algebra	4
231 Plane Trigonometry	3
251 Analytical Geometry	4
311 Navigational Trigonometry	3
321 Differential Calculus	4
331 Integral Calculus	4
401 Differential Equations	3
431 Theory of Determinants and Analytics of Space	3

Additional Courses (6 hrs. should be selected) 6

341 Theory of Equations	3
351 Mathematics of Finance and Invest.	3
405 Modern Geometry	3
411 Advanced Calculus	3
441 Projective Geometry	3

INOR IN MATHEMATICS 30 Sem. Hrs.
Required Courses: 121, 221, 231, 251, 311,
321, 331, 341, 401
Bachelor of Science degree candidates in Mathematics should complete: 1) Minor in Physics by earning credit in Physics 101, 103; 310, 311; 320, 321 r 420, 421. (2) Language: 12 hours in either German or French.

MUSIC

AJOR 40 Sem. Hrs.
Required Courses

Theory			12
101	Elementary Music	2	
104	Sight Singing	2	
203	Ear Training	2	
311, 312	Harmony	4	
401	Form and Analysis	2	
Applied Music			10
107-408	Piano	4	
141-442	Voice	2	
*275-492	Orchestral Inst.	4	
Appreciation			6
301	Appreciation	3	
313	History	3	
Conducting			4
345	Choral Conducting	2	
346	Instrumental Conducting	2	
Participation			8
165-466	Men's Chorus		
167-468	Orchestra		
169-470	Band		
171-472	Women's Chorus		
173-474	College Choir		

INOR IN MUSIC 24 Sem. Hrs.

Theory: 101, 104, 203	6
Appreciation: 301	3
Applied Music	8
107-408 (Min.3)	
141-442 (Min.1)	
275-492 (Min.3)	
Conducting: 345, 346	4
Participation (See Courses above)	3

Advanced work on a special orchestral instrument may be done to satisfy the 4 hours required in this group.

OFFICE ADMINISTRATION

AJOR 30 Sem. Hrs.
Required Courses 30

101, 102	Beginning Typewriting or equivalent)	4
211	Vocational Typewriting	2
201, 202	Beginning Shorthand (or equivalent)	8
301, 302	Advanced Shorthand and Transcription	8
311	Office Machines and Filing	2
401	Secretarial Practice	3
402	Cooperative Office Practice	3

Related Course Requirements

Bus. 201, 202 Principles of Accounting	6
Bus. 211 Business Correspondence	2
Bus. 306 Business Law	3
Bus. 308 or 309 Industrial Relations	3
Econ. 201, 202 Economic Principles and Problems	6
Econ. 302 Economics of Labor	3
Math 141 Business Math	2

Recommended Courses

Bus. 220 Prin. of Advertising	3
304 Marketing	3
Econ. 303 Money, Credit and Banking	3
Geog. 204 Economic Geography	3
Hist. 320 Social and Economic History	3

MINOR (No minor in Office Administration recommended)

PHILOSOPHY AND RELIGION

MAJOR — 24 Sem. Hrs

Required Courses

101	Introduction to Philosophy	3	
201	Introduction to Systematic Methods of Study	3	6
301, 302, 303	Philosophic Thought in the West, I, II, III	6	
	or		
210	Intro. to Ethics	3	
211	Social Ethics	3	6

Elective Courses: To be selected from 300 or 400 courses in Philosophy or Religion — 12

PHYSICAL EDUCATION

(For major requirements, see page 53)

PHYSICS

MAJOR — 30 Sem. Hrs

Required Courses in Physics — 30

210, 211	Engineering Physics	10
310, 311	Electricity and Electronics	8
320, 321	Mechanics	6
420, 421	Atomic Physics	6

Required Courses in Mathematics — 22

221	College Algebra	4
231	Plane Trigonometry	3
251	Analytic Geometry	4
321	Differential Calculus	4
331	Integral Calculus	4
401	Differential Equations	3

MINOR IN PHYSICS — 24 Sem. Hrs

Required Courses

Physics: 210, 211; 310, 311; 320, 321 or 420, 421

Mathematics: 221, 231, 251 — 11 Sem. Hrs

POLITICAL SCIENCE

AJOR 30 Sem. Hrs.

Required Courses

101	Fundamentals of Political Science	3
203	Comparative Government	3
206	Amer. State and Local Government	2
207	American Municipal Government	2
302	American Government	3
303	Political Parties and Public Opinion	3
*305	American Diplomacy	3
*307	History of Political Thought	3
x309	The Growth and Development of Law	2
x310	English Constitutional Law	2
403	Documented Report	2
406	International Problems	3
407	The Legislative Process	2
408	The Judiciary	2
409	The Administrative Process	2

Language (German, French, or Latin) 12 Sem. Hrs.

INOR IN POLITICAL SCIENCE 19 Sem. Hrs.
Required Courses: 101, 203, 206, 207, 302, 303, 305, or 307
'hree hours should be selected from these courses.
09 or 310 may be substituted for 408 or 409.

PSYCHOLOGY

AJOR 24 Sem. Hrs.

Required Courses

203, 204	General Psychology	6
205	Applied Psychology	3
304	Child Psychology	3
335	Psychology of Personality	3
336	Abnormal Psychology	3
401	Tests and Measurements	3
402	Advanced Psychology Seminar	3

INOR 12 Sem. Hrs.
Required Courses: 203, 204, 205; 335

RECREATION*

AJOR 34 Sem. Hrs.

Health 4

241	First Aid and Safety Ed.	2
302	Community Health and Sanitation	2
*308	School Health Problems	2

Theory (Recreation) 14

241	Intro. to Recreation	2
*341	Workshop and Recreation Institutes	2
*344	Recreational Leadership	1
345	Practice Leadership	2
346	Philosophy of Recreation	2
*347	Leisure in the Modern World	2
442	Camping and Youth Organizations	2
443	Community and Industrial Recreation	3
445	Organization and Administration of Recreation and Playgrounds	3

Sports in Recreation			10
P.E. 131	Beg. Swimming	1	
214	Leadership in Graded Games	2	
231	Intermediate Swimming	1	
*237	Fundamentals of Tennis	1	
315	Intramural Program	2	
317	Stunts and Tumbling	1	
*331	Swimming Techniques and Life Saving	1	
*337	Advanced Tennis	1	
Rec. 324*	Archery and Badminton	1	
336	Co-recreational Activities	2	
339*	Bowling	1	
Rhythms and Creative Arts			6
P.E. 325	Folk Dancing	1	
425*	Children's Rhythms	1	
Rec. 126	Rhythmic Activities	1	
325*	Square Dancing	1	
I.A. 314	Plastics and Crafts, I	2	
414*	Plastics and Crafts, II	2	
Sp. 331*	Children's Theatre	1	
Art 156	Creative Exp. in App. Art	2	

*Courses marked with the asterisk are electives.

RETAILING

(Distributive Education)

MAJOR — 30 Sem. Hr

Required Courses			21
105, 106	Principles of Retailing	6	
205	Salesmanship	3	
210 or 211	Merchandise Information	3	
306, 307	Merchandising	6	
Bus. 304	Marketing	3	
Elective Courses			9
210, 211, 212	Merchandise Information	3-6	
305	Store Org. and Operation	3	
311	Display	3	
314	Fashion Fundamentals	2	
320	Interior Decoration	2	
405	Personnel Mgt.	3	

MINOR (not offered in Retailing)

SOCIOLOGY

MAJOR — 24 Sem. Hr

Required Courses			9
Soc. 120, 121	Introductory		
	or		
Soc. Sci. 201, 202	Fund. Social Problems	6	
Soc. 460	Methods of Research	3	
Elective Courses			15
240	The Family	3	
301	Anthropology	3	
320	Rural Sociology	3	
330	Urban Sociology	3	

340 Juvenile Delinquency	3	
350 Criminology	3	
440 Population Problems	3	
450 Minority Groups	3	
INOR IN SOCIOLOGY		18 Sem. Hrs.
Soc. 120, 121 or Soc. Sci. 201, 202		6
Elective courses from list above		12

SPANISH*

AJOR		24 Sem. Hrs.
Required Courses		
101, 102 Elementary Spanish, or equivalent	6	
201, 202 Modern Spanish	6	
**301, 302 Nineteenth Cent. Lit. I, II	6	
**327 Adv. Comp. and Conv.	2-3	
**421, 422, Literature of the Golden Age	6	
Language (French)		6-12 Sem. Hrs.
INOR IN SPANISH		18 Sem. Hrs.
Required Courses: 101, 102, or equivalent	6	
201, 202, and electives	12	

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 hours should be selected from courses marked with asterisks.

SPEECH AND DRAMATICS

(For major requirements, see page 55)

ZOOLOGY

AJOR		30 Sem. Hrs.
Required Courses		
Biol. 101, 102 General Biology, or Bot. 103 and Zool. 103 General Botany, or Zoology	6-8	
Zool. 315 Field Zoology	3-4	
*320 Invertebrate Zoology	4	
321 Vertebrate Zoology	4	
350 Comparative Anatomy	4	
*380 Introduction to Genetics	3	
*410 Histological Technique	3-4	
*411 Histology	3-4	
*415 Problems in Zoology	2-3	
*420 Vertebrate Embryology	4	
*450 Human Physiology	4	
*To be selected from these courses	10-11	
Language (French or German)		12 Sem. Hrs.
Chemistry		8 Sem. Hrs.
Physics		8 Sem. Hrs.
OOLOGY AS A MINOR		20 Sem. Hrs.
Required Courses: Biol. 101, 102, or Bot. Zool. 103	6-8	
Zool. 315, 320, 321, 350	12	

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

INTRODUCTION

The Department of Education of Fairmont State College is responsible for providing prospective teachers with opportunities to develop those broad understandings and skills which are essential in the development of the educated citizen as well as the successful teacher. Fairmont's teacher education program seeks to achieve these objectives by proper emphasis on the following elements: general education, professional education, and specialized education.

The State Board of Education has adopted a program of general and professional education, effective as of September, 1949, which is required of all students preparing for teaching. This program includes 48 hours of required work which is offered on the lower division level, that is, during the freshman and sophomore years. A beginning should be made in the freshman year on a student's field of specialized study to be followed by more advanced courses, and professional education courses, in the last two years.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of Bachelor of Arts in Education. In addition, students completing Curriculum A will be entitled to a First Class High School Certificate; students completing Curriculum B to a First Class Elementary Certificate; and students completing Curriculum C to the Public School Certificate. Fairmont State College also offers all courses required for the issuance of certificates inferior to those of the first class level named above. Courses of study leading to non-academic permits and special certificates in Art, Music, Industrial Arts, and Physical Education are also available.

It is the responsibility of candidates for a degree to know and meet the general requirements of the College and the specific requirements of his chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

Students not now interested in a four-year teacher education program may arrange a schedule of study that will prepare them to meet certification requirements at some later date. Such students should consult with the Chairman of the Department of Education.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at Jayenne School for graded school work and at Union School for rural work Both are under the joint direction of Fairmont State College and the Marion County Board of Education. Secondary training in given in connection with local Marion County junior and senior high schools.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements:

1. Minimum earned credits in academic and professional courses as follows

 a. For enrollment in Ed. 250, 32 semester hours including 6 hours in education courses.

b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 12 hours in education courses.

c. For enrollment in Ed. 450, an additional requirement that three-fourths of the required work in each teaching field shall have been completed.

2. An average of not less than "C".
 a. On all credits to be counted toward graduation.
 b. On all credits in areas of concentration or teaching fields.
 c. On all credits in the department of education.

3. A statement from the college health department showing that regulations for a health examination have been complied with.

4. A permit from the student's adviser showing semester hours and quality points earned. This permit must be countersigned by the Registrar.

All students seeking degrees under Curricula A, B,, and C will be required to complete a total of six hours in student teaching. Assignments for student teaching work will usually involve a two hour daily period over the course of an entire semester.

TEACHER EXAMINATION

Graduating seniors, who expect to be recommended for a first class teaching certificate, are required to take the National Teachers Examination. This is a comprehensive examination designed to serve the purpose of self-analysis for the student as to aptitude for teaching, and as a means of indicating weaknesses in the student's preparation for teaching which may be improved in the period remaining before graduation.

ADJUSTMENTS

Students who began their work in September, 1949, will be expected to meet the requirements in general and professional education listed below. Students who have begun their work previously may follow the program of general requirements under which they have been proceeding.

In view of the changing of requirements, there may be some need for adjustments to be made in the individual student's program. The Committee on Classification and Credits, which meets weekly, has full authority to make such adjustments as may seem to meet fairly the several situations involved.

SUMMARY OF CURRICULA REQUIREMENTS

Candidates for the degree of Bachelor of Arts in Education must have 128 semester hours of credit and 128 quality points as a minimum requirement for graduation. Forty-five hours of the requirement must be earned in courses numbered within the 300-499 levels. In addition all requirements in one or more curricula must be completed.

GENERAL REQUIREMENTS

(All Curricula)

Areas of Study	Specific Courses Cur. A	Cur. B	Cur. C	Credit Hours
Art#	255	155, 156, 255	155, 156, 255	2-6
English Composition *#	102, 104, 208	102, 104, 208	102, 104, 208	9
Geography		305	305	3
Health		102	102	2
History		302	302	3
Library Scieince	101	101	101	1
Literature* #	202, 204	202, 204, 207	202, 204, 207	6-9
Mathematics* # 1		205	205	4
Music#	205	101, 102, 205	101, 102, 205	2-6
Physical Education#	101, 111(W) 115, 116(M)	101, 111(W) 115, 116(M) 214	101, 111(W) 115, 116(M) 126, 214, El. (1)	2-6
Science#				6-12
Biological Sci. *	101, 102, or	101, 102	101, 102	
Physical Sci. * x	201, 202, or 315, 316	201, 202, or 315, 316	201, 202, or 315, 316	
Social Science *	101, 102	101, 102	101, 102	6
	201, 202	201, 202	201, 202	6
			Total	40-73

*May be satisfied by examination and credit will be allowed.
#Required as part of the program of general education.
xStudents scheduling Phy. Sci. 201-202 must also schedule Health 102.
1Students who fail the standardized Arithmetic test given at the time of enrollment must enroll for and earn credit in Math 205, or in some other 2-4 hour Mathematics course.

Professional Requirements

(All Curricula)

Subjects*	Specific Courses Cur. A	Cur. B	Cur. C	Hours Credit
Educational Psychology	102, 104	102, 104	102, 104	6
Prin & Methods of Tchg, Elementary School	---	226, 336	226, 422	6
Prin. & Methods of Tchg, Secondary School	432	---	---	4
Human Adjustment	225	225	225	3
Survey of Guidance	395	---	---	2
Tests and Measurements	306	306	306	2
Directed Teaching**	450	250, 420	250, 425	6

*In order to meet the needs of teachers-in-service, it may be necessary to offer certain courses in addition to those listed above.

**Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the field or fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio.

Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.

Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level.

If students completed Ed. 250 in the Third Class Elementary Curriculum, they should enroll for Ed. 420, 3 hrs, in Curriculum B, or Ed. 425, 3 hrs, Curriculum C; otherwise they should enroll in Ed. 420 and 425 for 6 hrs credit.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This Curriculum includes the following:

General education courses	40 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	65 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 40 semester hours, and include the following:

Art 255	2	Music 205	2
Biology 101, 102 or Phy. Sci. 201, 202 or 315, 316	6	Physical Education 101, 111(W); 115, 116(M)	2
English (Comp) 102, 104, 208	9	Social Science 101, 102; 201, 202	12
English (Lit) 202, 204	6		
Library Science 101	1	Total	40

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 102, 104	6	Ed. 432	4
Ed. 225	3	Ed. 450	6
Ed. 306	2		
Ed. 395	2	Total	23

4. Students must complete all requirements in at least one teaching field, and it is strongly recommended, when at all possible, that a second field also be completed. While the number of hours in the several teaching fields offered by Fairmont State College are usually somewhat higher than the minimum hours required for state certification, a second field may be completed by scheduling only the minimum number of hours. Teaching fields are now available as follows:

Art
Biological Science
Biological and General Science
Commerce—Business Principles
Commerce—Occupational (Office Administration)
Distributive Education
English
French
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Science
Spanish
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who wish to prepare for teaching in the elementary schools of West Virginia. This curriculum contains the following:

General education and other required courses	71 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	34 Sem. Hrs.
Total	128

2. General education and other courses required in this curriculum total 71 semester hours, and include the following:

Art 155, 156, 255	6	Mathematics 205	4
Biology 101, 102	6	Music 101, 102, 205	6
English (Comp) 102, 104, 208	9	Physical Education 101, 111(W); 115, 116(M); 214	4
English (Lit) 202, 204, 207	9	Physical Science 201, 202 or 315, 316	6
Geography 305	3	Social Science 101, 102; 201, 202	12
Health 102	2		
History 302	3		
Library Science 101	1		
		Total	71

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 102, 104	6	Ed. 336	3
Ed. 225	3	Ed. 250, 420 or 420	6
Ed. 226	3		
Ed. 306	2	Total	23

4. Specialization is recommended in one or more of the fields listed in (2) above. This may be obtained by adding courses to the minimum required in each field.

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching in both the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	73 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	32 Sem. Hrs.
Total	128

2. General education and other courses required in this curriculum total 73 semester hours, and include the following:

Art 155, 156, 255	6	Music 101, 102, 205	6
Biology 101, 102	6	Physical Education 101, 111(W); 115, 116(M); 126, 214	
English (Comp) 102, 104, 208	9	Elective (1)	6
English (Lit) 202, 204, 207	9	Physical Science 201, 202 or 315, 316	6
Geography 305	3	Social Science 101, 102; 201, 202	12
Health 102	2		
History 302	3		
Library Science 101	1		
Mathematics 205	4		
		Total	73

3. Professional courses include 23 semester hours as a minimum; 26 hours as the maximum acceptable.

Ed. 102, 104	6	Ed. 422	3
Ed. 225	3	Ed. 250, 425 or 425	6
Ed. 226	3		
Ed. 306	2	Total	23

4. Specialization is required in two teaching fields. This may be obtained by adding courses to the minimum required in (2) above.

SPECIFIC REQUIREMENTS IN ALL TEACHING FIELDS

ART*

40 Sem. Hrs.

Required Courses		Min. Required
Freehand Drawing		6
141 Art Structure	2	
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		6
391 Fashion Illustration	3	
392 Textile Designn	3	
491 Interior Design	3	
Painting and Modeling		6
283, 284 Modeling and Sculpture	4	
361, 362 Painting in Oil	6	
363, 364 Painting in Watercolor	6	
365 Painting in Gouache	3	
History and Appreciation		6
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North. Ren. Art	3	
378 Nineteenth Cent. & Cont. Art	3	
477 Seminar in Art History	2	
Art Education		6
155 Creative Exp. in Fine Arts	2	
156 Creative Exp. in App. Arts	2	
355 Mtls and Tech. for H. S.	2	
356 Crafts for H. S. Teachers	2	
Suggested Electives (See list below)		10
Ceramics		
Landscape Architecture		
Sculpture		
Adv. History and Appreciation		
Advanced Painting		
Jewelry		
Commercial Art		
Bookbinding		

*The 40 hour requirement listed qualified for the Special Non-academic Certificate in Art. A First Class High School Certificate in Art is available upon completion of 24 hours from the above outline of courses with a minimum of 6 hours drawn from the freehand drawing group, the design group, the painting and modeling group, and the history and appreciation group.

The Special Non-academic Certificate in Art is valid for five years for teaching and supervising art in the elementary and secondary schools of West Virginia.

BIOLOGICAL SCIENCE — 32 Sem. Hrs.

Required Courses		14
Biol. 101, 102 General Biology, or		
Bot. 103 and Zool. 103 General Botany and Zool.	6-8	
Botany 330 Field Botany	3	
Zool. 315 Field Zoology	3	
Elective Courses		10
Bot. 240 Plant Ecology	4	
310 Plant Physiology	4	
314 Plant Geography	3	
324 Bacteriology	3	
340 Morphology	4	
371 Plant Anatomy	2-4	
400 Bryophytes and Pteridophytes	3-5	
Zool. 350 Comparative Anatomy	4	
370 Principles of Animal Ecology	3	
380 Introduction to Genetics	2-3	
420 Vertebrate Embryology	4	
450 Human Physiology	4	
Chemistry		8
Chem. 101, 102	8	

BIOLOGICAL AND GENERAL SCIENCE — 44 Sem. Hrs

Required Courses		14
Biol. 101, 102, or General Biology		
Bot. 103 and Zool. 103 General Botany and Zool.	6-8	
Bot. 330 Field Botany	3	
Zool. 315 Field Zoology	3	
Elective Courses		10
(See detailed courses listed under Biological Science immediately above)		
Chem. 101, 102 General Chemisty		8
Physics 101, 103 General Physics		8
Geology 302 Geology: Historical		2-3

COMMERCE—BUSINESS PRINCIPLES* — 27 Sem. Hrs Min.

Required Courses	Hrs.
Bus. 201, 202—Prin. of Acounting	6
Bus. 304—Marketing	3
Bus. 306—Business Law	3
Econ. 201, 202—Econ. Prin. & Probs.	6
Econ. 303—Money, Credit and Banking	3
Math. 141—Business Mathematics	2
Off. Adm. 101, 102 Typing	4

*For preparation in this field students are advised to complete Bus. 211, 2 hrs

COMMERCE—OCCUPATIONAL — 39 Sem. Hrs

(See Office Administration, page 52)

DISTRIBUTIVE EDUCATION* — 42 Sem. Hrs

Retailing (Required courses)	27

105, 106	Principles of Retailing	6	
205	Salesmanship	3	
210	Merchandise Inf: Textiles	3	
306, 307	Merchandising	6	
350, 351	Experience in Merchandising	6	
Business			
304, 308, 309	Marketing, Ind. Org. or Rel.	3	
Education (Required courses)**			6
401	Organization and Adm. of Dist. Educ.	2	
402	Coordination and Super. of Dist. Educ.	2	
403	Development of Instr. Mtls. Dist. Educ.	2	
Electives (Required hours)			9
Retailing			
211	Mdse. Int: Non-Textiles	3	
212	Merchandise Information: Foods	3	
305	Store Org. and Operation	3	
311	Display	3	
314	Fashion Fundamentals	2	
320	Interior Decoration	2	
405	Personnel Management	3	
Journalism			
320	Advertising	3	
Economics			
303	Money, Banking and Credit	3	
Electives in Education (Suggested but not required)			
395	Guidance	2	
424	Visual Aids in Education	2	

* The above program is in accordance with the West Virginia State Plan for Distributive Education, which has been officially approved.
**These six hours may be counted under the total of the 20 hours of professional requirements.

ENGLISH — 36 Sem. Hrs.

Required Courses, Composition			12
102, 104	First Yr. Writ. & Spoken Eng.	6	
208	Sec. Yr. Writ. & Spoken Eng.	3	
321	Study of the English Language	3	
Required Courses, Literature			19
202, 204	Study & Appreciation	6	
351, 352 or			
361, 362	Eng. or Amer. Literature	6	
313, 314, 431, 451	Electives in Lit.	4	
318, 325, 326	Electives in Lit.	3	
Required Courses, Special Activities			2-3
Journalism, or			
*Library Science			
Elective Courses, English			2-3

*Children's Literature not acceptable.

FRENCH — 24 Sem. Hrs.

(For teaching field requirements, see page 34)

HOME ECONOMICS* — 35 Sem. Hrs.

Required Courses

101	Elementary Clothing	3
102	Clothing Selection and Const.	2
104	Principles of Clothing Design	2
201	Elementary Foods	3
202	Advanced Foods	3
210	Textiles	3
303	Nutrition	3
315	Home Management	3
320	Home Planning and Furnishing	4
330	Child Care and Development	2
340	Quantity Cookery	3
351	Applied Design	2
406	Techniques	2

*In addition to the above requirements, teachers of Vocational Home Economics must complete 12 hours in Biology and 8 hours in Chemistry. At the present time, Fairmont State College does not prepare teachers for this type of Home Economics teaching.

INDUSTRIAL ARTS — 41 Sem. Hrs.

Required Courses — 21 Sem. Hrs.

101	General Bench Woodwork	2
110	General Shop	2
130	Elementary Applied Electricity	2
134	Machine Shop I	2
140	Mechanical Drawing	2
202	Machine Woodwork	2
242	Architectural Drawing I	2
322	General Metal I	2
325	Organization and Administration of Industrial Arts	2
*335	Philosophy of Ind. Arts	3

**Elective Courses (Select ten to develop areas of specialization) — 20 Sem. Hrs.

220	Sheet Metal I	2
230	Electricity II	2
234	Machine Shop II	2
303	Furniture Construction	2
304	Cabinet Making I	2
308	Wood Finishing	2
314	Plastics and Crafts	2
320	Sheet Metal II	2
334	Machine Shop III	2
342	Architectural Drawing II	2
345	Acetylene Welding	2
346	Arc Welding	2
350	Machine Drawing I	2
404	Building Construction	2
420	Sheet Metal III	2
422	General Metal II	2
434	Machine Shop IV	2
442	Architectural Drawing III	2
450	Machine Drawing II	2
462	Architectural Drawing IV	2
474	Industrial Maintenance	2
475	Mill Wrighting	2

MINOR IN INDUSTRIAL ARTS (B. S. students) 24 Sem. Hrs.

Required Courses
101, 110, 130, 134, 140, 202, 242, 322, 325; plus
six (6) additional hours from elective courses
arranged in technical sequences.
*Must be scheduled by all candidates for the teaching degree; recommended for all other students.

**Math 131 Descriptive Geometry may be used as a drawing elective by students transferring from the Pre-Engineering course to Industrial Arts.

Industrial Arts students should elect Bot. 122, Characteristics of Materials, 2 hrs.

LIBRARY SCIENCE* 16 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. Students planning to complete this requirement should arrange to take most of these courses in the last two years of their college work. West Virginia does not certify librarians at this time.

Library Science Courses

101	The use of the Library	1 hour
207	Children's Literature and Story Telling	3
302	School Library Administration	3
303	Cataloging and Classification	3
305	Selection and Use of Library Materials	2
306	Reference and Bibliography	2
404	Practice Work	2-3

*O. A. 101, or its equivalent, should be taken before enrollment in any 300 or 400 level Library Science course, except 305.

MATHEMATICS* 28 Sem. Hrs.**

Required Courses			22
121	Solid Geometry	3	
221	College Algebra	4	
231	Plane Trigonometry	3	
251	Analytic Geometry	4	
321	Differential Calculus	4	
331	Integral Calculus	4	
Elective Courses (Select 6 hrs)			6
311	Navigational Trigonometry	3	
341	Theory of Equations	3	
401	Differential Equations	3	
405	Modern Geometry	3	

*2 units of Algebra and 1 unit of Plane Geometry are required of students undertaking a major teaching field in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. 1, Intermediate Algebra, and Math. 111, Review Algebra.

**3 semester hours may be deducted for Solid Geometry taken in high school

MUSIC* — 54 Sem. Hrs.

Theory			12
101	Elementary Music	2	
104	Sight Singing	2	
203	Ear Training	2	
311, 312	Harmony	4	
401	Form and Analysis	2	
Applied Music			17
107, 408	Piano (Min.5)	5-6	
141-442	Voice (Min.2)	5-6	
211-212	Beg. String Class	2	
213, 214	Beg. Brass Class	2	
215, 216	Beg. Woodwind Class	2	
**275-492	Special Orchestral Instrument	4	
Appreciation			9
301	Music Appreciation	3	
313, 314	Music History	6	
Conducting			4
345	Choral Conducting	2	
346	Instrumental Conducting	2	
Participation			8
165-466	Men's Chorus		
167-468	Orchestra		
169-470	Band		
171-472	Women's Chorus		
173-474	College Choir		
Music Education			4
102	Mthds & Mtls for El. Grades	2	
431	Mthds & Mtls for Sec. Schools	2	

*The 54 semester hour requirement listed qualifies for the Special Non-academic Certificate in Music. A First Class High School Certificate in Music is available upon completion of 40 hours from the above outline of courses. This certificate requires 10 hours in the Theory group; 9 in the Applied Music group; 9 in the Appreciation group; 10 in the Conducting group;; and 2 in the Music Appreciation group.

**Advanced work on a special orchestral instrument may be done to satisfy four of the hours required in this block.

OFFICE ADMINISTRATION (Commerce-Occupational) — 39 Sem. Hrs.

Required Courses			Min. Required
Accounting			6
Bus. 201, 202	Principles of Accounting	6	
Typewriting			4
O.A. 101, 102	Beginning Typewriting	4	
*O.A. 211	Vocational Typewriting	2	
Shorthand and Transcription			8
O.A. 201 202	Beginning Shorthand	8	
*O.A. 301, 302	Advanced Shorthand and Transcription	8	

Secretarial Practice		5
O.A. 311 Office Machines and Filing	2	
O.A. 401 Secretarial Practice	3	
Related Courses		13
Bus. 211 Business Correspondence	2	
306 Business Law	3	
Econ. 201, 202 Econ. Prin. and Prob.	6	
Math. 141 Business Math. or equivalent	2	
Retailing, Salesmanship, or Advertising		3
Ret. 105 Principles of Retailing, **or**	3	
205 Salesmanship, **or**	3	
305 Merchandising, **or**	3	
Jour. 320 Principles of Advertising	3	

*O.A. 211 and 301 must be scheduled.

PHYSICAL EDUCATION (Men)*

MAJOR 30 Sem. Hrs.

Required Courses

Health Education Courses		4
102 Personal Health	2	
308 School Health Problems	2	
Team Sports		7
115 Freshman Orientation	1	
320 Coaching & Officiating: Football	3	
321 Coaching & Officiating: Bkbl & Bbl	3	
Rhythmic Activities		1
126 Rhythmic Activities	1	
325 Folk Dancing	1	
Recreational Activities		4
116 Freshmen Orientation	1	
131 Beginning Swimming	1	
231 Intermediate Swimming	1	
325 Square Dancing	1	
331 Swimming Techniques and Life Saving	2	
336 Co-recreational Activities	2	
School and Community Activities		4
241 First Aid and Safety Education	2	
442 Campcraft & Youth Organization, **or**		
443 Community & Industrial Recreation	2-3	
Theory Courses		4
404 Corrective Physical Education	2	
461 Prin., Org., & Adm. of Phy. Ed.	2	
Basic Science		6
310 Human Anatomy	3	
311 Kinesiology	3	

*No credit in Physical Education is allowable for participation in intercollegiate sports.

PHYSICAL EDUCATION (Women)

MAJOR 41 Sem. Hrs.

Health		7
102 Personal Health	2	
302 Community Health and Sanitation	2	
308 School Health Problems	2	
404 Physical Inspection and Correction	2	

Theory		8
351 History and Principles	2	
361 Methods for Secondary Schools	2	
461 Organization and Administration	2	
Basic Sciences		6
310 Anatomy and Physiology	3	
311 Kinesiology	3	
Team Sports		6
117 Skill Techniques	1	
119 Skill Techniques	1	
217 Skill Techniques	1	
219 Skill Techniques	1	
315 Intramural Program	2	
Individual and Dual Sports		5
131 Beginning Swimming or	1	
231 Intermediate Swimming	1	
237 Fundamentals of Tennis or	1	
337 Advanced Tennis	1	
317 Stunts and Tumbling	1	
324 Archery and Badminton	1	
331 Life Saving	2	
431 Competitive Swimming	1	
School and Community		4
Health 241 First Aid and Safety Education	2	
Rec. 336 Co-Recreational Activities	2	
442 Camping and Youth Organization	2	
Rhythms		5
P.E. 226 Techniques of Modern Dance	1	
325 Folk Dance	1	
326 Modern Dance	1	
425 Children's Rhythms	1	
426 Survey of the Dance	2	
Rec. 325 Square Dancing	1	
PHYSICAL SCIENCE		36 Sem. Hrs
Chemistry		16
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 303 Organic Chemistry	8	
Physics		16
101, 103 General Physics	8	
310, 311 Electricity and Electronics	8	
320, 321 Mechanics	8	
Electives (Physical Science only)		4
PHYSICAL AND GENERAL SCIENCE		44 Sem. Hrs
Required Courses		
Chemistry		16
101, 102 General Chemistry	8	
201 Qualitative Analysis	4	
240, 241 Quantitative Analysis	8	
301, 303 Organic Chemistry	8	

Physics			16
101, 103	General Physics	8	
310, 311	Electricity and Electronics	8	
320, 321	Mechanics	8	
Biology			9
101, 102	General Biology	6	
380	Intro. to Genetics	3	
Geology			2-3
302	Geology: Historical	2-3	

SOCIAL SCIENCE 42 Sem. Hrs.

Social Science			15
101, 102	Devel. of Social Inst.	6	
201, 202	Fund. Social Problems	6	
462	Intro. to Social Science Research and Bibliography	3	
History			15
207, 208	Survey of U. S. History	6	
221, 222	Modern Europe	6	
302	Hist. of West Virginia	3	
Economics			3
230 or 305	Economic Principles	3	
Geography 305	World Political Geog.	3	3
Pol. Sci. 302	American Government	3	3
Sociology			3
240, 301, 320, 330, 440, 450	Sociology (elective)	3	

SPANISH 24 Sem. Hrs.

(For teaching field requirements, see page 41)

SPEECH 28 Sem. Hrs.

Required Courses			13
101	Fundamentals of Speech	2	
105	Voice and Diction	2	
243	Debate	2	
336	Play Directing	2	
336L	Play Directing Lab.	1	
337	Effective Speaking	2	
430	Speech Correction	2	
Elective Courses*			15
151	Play Production	2	
152, 152L	Theatre Workshop	1-2	
234	Fundamentals of Radio Speech	2	
244	Intercollegiate Debating	1-2	
245	Oratory	1-2	
251	Acting	2	
301, 301L	Make-up	1-2	
313, 314	Shakespeare: Comedies & Tragedies	4	
318	Modern Drama	3	
331	Children's Theatre	3	
334	Radio Production	2	
401	Extemporaneous Speaking	1	
421	Poetry Interpretation	3	

*Not more than 3 hours may be elected in any one subject.

MINOR IN SPEECH AND DRAMATICS 18 Sem. Hrs

Required Courses: 101, 105, 151, 243, 245, 336, 337, 421, 430.

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry	Law	Nursing
Engineering	Medicine	Social Work
Medical Technology		

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by University authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalog from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional adviser should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of a specific college of dentistry for the entrance requirements differ somewhat among the various colleges. They should obtain a catalog from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 102	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
*Zoology 103, 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 203, 205	3	3		
Electives (Composition, Literature or Sociology			2	2
	16	16	17	17

*Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-ENGINEERING CURRICULUM

The curriculum in pre-engineering is planned, first, to give the student an introduction to the arts and sciences common to the various fields of engineering, thereby helping him to select the type of engineering best suited to his liking and ability; secondly, to give his special and technical knowledge in the basic arts and sciences which will enable him to do successful work in the courses in the college of engineering he plans to enter.

As there is a growing tendency to encourage students to obtain a broader education than was formerly required for engineering degrees, it is suggested that students do this through careful selection of electives in economics, history, languages, and science.

A suggested program of pre-engineering courses, extending over the first two years and a possible summer session in Fairmont State College, is outlined below.

For students offering 1½ units of Algebra and 1 unit of Geometry as entrance credit, the following curriculum is suggested:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Speech 101	2			
Mathematics 111, 221	2	4		
Mathematics 121, 231	3	3		
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241			3	3
Language or Bus. 306			3	3
Engineering 201, 202, or Math 401			3	3
	17	17	18	18

For students offering 1½ or 2 units of Algebra and 1 or 1½ units of Geometry, the following curriculum is suggested:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Speech 101	2			
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Mathematics 221, 231	4	3		
Mathematics 121		3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241 or Bus. 306			3	3
Language			3	3
Engineering 201, 202, or Math 401			3	3
	16	16	18	18

Other courses to be taken in the Summer Session, or in the first two years, if preparatory work permits:

Mathematics 241	3
Mathematics 251	4
Engineering 112	2
115	2
209	2
212	2

PRE-LAW CURRICULUM

Fairmont State College now offers three years of pre-law work. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128, and to complete all major requirements, may be taken in a standard law school. Fairmont State College will then confer the AB degree on those students who complete this program.

A suggested outline of pre-law courses covering the first three years in Fairmont State College is outlined below:

Subject	Hours	First Year		Second Year		Third Year	
Library Science	1	101					
English Composition	6	102	104				
Speech	4	101	105				
History	16	101	102	207	208	307	308
Biological Science	6	101	102				
Psychology	3	202					
Physical Education and Health	6	102	115	116			
Political Science	10		302		203	309	310
Physical Science	6			201	202		
Sociology	6			120	121		
Mathematics	6			205			
Art	2			255			
Music	2				205		
Literature	6					341	342
Economics	6					201	202
Business	6					201	202
Electives	6						
Total	96						

PRE-MEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plans to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be expected to continue medical training.

The following basic courses in Fairmont State College are recommended:

Course	First Year Hrs.	Second Year Hrs.
English 102, 104	3	3
Speech 101	2	
Chemistry 101, 102	4	4
Foreign Language (German, French, Latin)	3	3
Biology 101, 102, or Zool. 103 or 320, 321, or 350	3-4	3-4
Mathematics 111 or 221	2-4	2-4
Chemistry 201, 241	4	4
Physics 101, 102	4	4

Pol. Sci. 302, Econ. 201, or Psy. 203	3	3		
Literature	3	3		
	17-18	17-18	17	17

PRE-MEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Year

First Semester			Second Semester		
English 102	3	sem. hrs.	English 104	3	sem. hrs.
Botany 103	4	" "	Zoology 103	4	" "
Chemistry 101	4	" "	Chemistry 102	4	" "
History 101	3	" "	History 102	3	" "
Library Science 101	1	" "	Health 102	1	" "
P. Ed.	1	" "	P. Ed.	1	" "
	16			17	

Second Year

Chemistry 240	4	" "	Zool. 321	4	" "
Speech 101	2	" "	Speech 105	2	" "
Physics 101	4	" "	Physics 103	4	" "
Social Sci. 201	3	" "	Social Sci. 202	3	" "
P. Ed.	1	" "	P. Ed.	1	" "
Elective	3	" "	Elective	3	" "
	17			17	

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Zoology 103 and Botany 103	4	4		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 203, 205			3	3
Sociology 120 and elective			3	3
Electives	1-2	1-2	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Welfare is designed to meet the needs of the students who plan to enter the school of Social Work at West Virginia University, or another approved school of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely in Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in Sociology, or a related field, and meet the requirements set up for majors. The program for this curriculum must be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers a number of special two-year curricula, and it is expected that others will be added from time to time. These curricula are now available in the following areas:

Accountancy
Clerical
Commercial Art
General Education
Homemaking

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind in contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College has requested the State Board of Education to permit the issuance of a certificate as Associate in Arts or Associate in Science upon the successful completion of any one of these special curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead.

ACCOUNTANCY CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Bus. 201, Accounting	3	Bus. 202, Acounting	3
Psy. 203 or 204 Gen'l Psy.	3	Speech 101, Fundamentals	2
Econ. 201, Principles	3	Econ. 202, Problems	3
Electives	4-5	Electives	5-6
	16-17		16-17

Second Year

Bus. 301, Adv. Accounting	3	Bus. 302, Adv. Accounting	3
Bus. 406, Income Tax	3	Bus. 407, Income Tax	2
Bus. 306, Business Law	3	Bus. 408, Payroll Accounting	2
Bus. 314, Office Management	3	O.A. 311, Office Machines	2
Electives	4-5	Electives	7-8
	16-17		16-17

CLERICAL CURRICULUM

First Year

Eng. 102, First Yr. Writ and Spok. English	3
O.A. 101, Beg. Typewriting	2
Math. 141, Business Math.	2
Bus. 102, Intro. to Business	3
P.E. 101 or 115, Fr. Orient.	1
Electives	5-6
	16-17

Eng. 104, First Yr. Writ. and Spok. English	3
O.A. 102, Beg. Typewriting	2
Health 102, Personal Health	2
P.E. 111 or 116, Fr. Orient.	1
Electives	8-9
	16-17

Second Year

Bus. 201, Prin. of Acctg	3
Bus. 211, Bus. Correspondence	2
O.A. 311, Office Machines	2
Electives	9-10

Bus. 202, Prin. of Acctg	3
Bus. 312, Adv. Office Machines	2
O.A. 351, Clerical Practice	3
Electives	8-9
	16-17

COMMERCIAL ART CURRICULUM

First Year

Eng. 102, Composition	3
Soc. Sci. 101, Dev. of Soc. Inst.	3
Biol. 101, Intro. to Biol.	3
Art 141, Art Structure	2
Art 255, Hist. & App. of Art	2
Lib. Sci. 101, Use of the Library	1
Phy. Ed., 101 or 115, Fr. Orient	1
Electives	1-2
	16-17

Eng. 104, Composition	3
Soc. Sci. 102, Dev. of Soc. Inst.	3
Biol. 102, Intro. to Biol.	3
Art 142, Drawing	2
Art 278, Anc. & Med. Art	3
Phy. Ed. 111 or 116, Fr. Orient.	1
Electives	1-2
	16-17

Second Year

Art 241, Drawing from Life	3
Art 291, Commercial Art	3
Art 391, Fashion Illustration	3
Art 491, Interior Design	3
Soc. Sci. 201, Fund. Soc. Probs.	3
Electives	2-3
	16-17

Art 242, Drawing, Painting from Life	3
Art 292, Commercial Art	3
Art 392, Textile Design	3
Psy. 203 or 204, Gen'l Psy.	3
Soc. Sci. 202, Fund. Soc. Probs.	3
Electives	1-2
	16-17

GENERAL EDUCATION CURRICULUM

First Year

Eng. 102, Composition	3
Biol. 101, Intro. to Biol.) Phy. Sci. 201, Gen'l Phy. Sci.)	3
Soc. Sci. 101, Dev. of Soc.Inst.	3
Speech 101, Fund. of Speech	2
Lib. Sci. 101, Use of the Library	1
Phy. Ed. 101 or 115, Fr. Orient.	1
Electives	3-4
	16-17

Eng. 104, Composition	3
Biol. 102, Intro. to Biol.) Phy. Sci. 202, Gen'l Phy. Sci.)	3
Soc. Sci. 102, Dev. of Soc. Inst.	3
Phil. 101, Intro. to Phil.	3
Phy. Ed. 111 or 116, Fr. Orient.	1
Electives	3-4
	16-17

Second Year

Eng. 202, Literature	3	Eng. 204, Literature	3
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Psy. 203 or 204, Gen'l Psy.	3	Music 205, Music in Hum. Rel.	2
Art 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		16-17

HOMEMAKING CURRICULUM

First Year

H.E. 101, El. Clothing	3	H.E. 102, Clothing Sel.	2
Eng. 102, Composition	3	Eng. 104, Composition	3
Biol. 101, Intro. to Biol.	3	Biol. 102, Intro. to Biol.	3
Soc. Sci. 101, Dev. of Soc. Inst.	3	Soc. Sci. 102, Dev. of Soc. Inst.	3
H.E. 107, Homemaking	3	H.E. 108, Homemaking	3
Ph. Ed. 101, Fr. Orientation	1	Phy. Ed. 111, Fr. Orientation	1
		Lib. Sci., Use of the Library	1
	16		16

Second Year

H.E. 201, El. Foods	3	H.E. 202, Adv. Foods	3
H.E. 320, Home Planning	4	H.E. 230, Handcraft	2
Psy. 203 or 204, Gen'l Psy.	3	H.E. 330, Child Care	2
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Eng. 202, Literature	3	Eng. 204, Literature	3
		Electives	3
	16		16

COURSES OF INSTRUCTION

Key to Abbreviations

I—A course given in the first semester.
II—A course given in the second semester.
I, II—A semester course given in each semester.
I and II—A course given throughout the year.
Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART

Mrs. Mundel, Mr. Schroder, and Staff

141. **Art Structure. I** Two hours.
A basic course in the principles of art. Problems in drawing and design in various media.

142. **Drawing. II** Two hours.
Still life, landscape, and figure drawing. PR, 141.

155. **Creative Expression in the Fine Arts. I** Two hours.
Methods of planning and teaching art in the elementary grades.

156. **Creative Expression in the Applied Arts. II** Two hours.
Experience with crafts taught in the elementary grades.

241. **Drawing from Life. I.** Two hours.
Drawing from the posed model. PR, 142.

242. **Drawing and Painting from Life. II.** Three hours.
Drawing and painting in oil from the posed model. PR, 241.

255. **History and Appreciation of Art. I.** Two hours.
A study of the principles of art in painting, sculpture, architecture, and the minor arts from ancient to modern times.

278. **Ancient and Medieval Art. II.** Three hours.
History of Art from prehistoric times to circa 1400 A.D. The arts in Egypt, Babylonia, Assyria, Persia, India, the Minoan civilization, Greece, the Hellenistic world, and Rome. A survey of the arts of the Early Christian, Byzantine, Carolingian, Saracenic, Romanesque, and Gothic periods. PR, 255.

283. **Modeling and Sculpture. I.** Two hours.
Clay modeling and plaster casting. Carving in wood and stone. PR, 141.

284. **Modeling and Sculpture. II.** Two hours.
Continuation of 283.

291. **Commercial Art. I.** Three hours.
Lettering with pen and brush. Layouts in advertising. Window display. Book illustration. PR, 141.

292. **Commercial Art. II** Three hours.
Continuation of 291.

341. **Printmaking. I.** Two hours.
A study of processes of printmaking: linoleum block printing, wood engraving, etching, and lithography. PR, 241.

342. **Printmaking. II.** Two hours.
Continuation of 341.

355. **Materials and Techniques for High School Teachers. I.** Two hours.
Methods of planning and teaching art in the high school. PR, 141.

356. **Crafts for High School Teachers. II.** Two hours.
Experience with crafts taught in high school. PR, 141.

361. **Painting in Oil. I.** Three hours.
Still life, landscape, and figure painting in oil. PR, 242.

362. **Painting in Oil. II.** Three hours.
Continuation of 361.

363. **Painting in Watercolor. I** Three Hours
Still life, landscape, and figure painting in watercolor. PR, 241.

364. **Painting in Watercolor. II** Three hours.
Continuation of 363.

365. **Painting in Gouache. I.** Three hours.
Still life, landscape, and figure painting in gouache. PR, 241.

377. **Italian and Northern Renaissance Art. I.** Three hours.
History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century. PR, 255.

378. **Nineteenth Century and Contemporary Art. II** Three hours.
History of art from the 19th century to the present. An analysis of art movements: neo-classicism, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism. PR, 255.

383. **Ceramics. I.** Three hours.
Modeling, firing, and glazing pottery and figurines, PR, 141.

384. **Ceramics. II.** Three hours.
Continuation of 383.

391. **Fashion Illustration. I.** Three hours.
Rendering of fashion illustrations in pen and ink, dry brush, and wash techniques. PR, 242.

392. **Textile Design. II** Three hours.
A study of textiles for their design quality. Creation of designs. Block printing on textiles. PR, 141.

461. **Advanced Painting in Oil. I** Three hours.
Continuation of 362.

462. **Advanced Painting in Oil. II.** Three hours.
Continuation of 461

. **Painting in Any Medium. I.** Three hours.
PR, 362, 364, 365.

. **Mural Painting and Mosaic. II.** Three hours.
Execution of murals in fresco, oil, and mosaic techniques. PR, 362.

. **Seminar in Art History. II.** Two hours.
Correlation of art history and aesthetics. PR, 8 hours of art history.

. **Advanced Sculpture. I.** Two hours.
Carving in wood and stone. PR, 284.

. **Advanced Sculpture. II.** Two hours.
Continuation of 483.

. **Interior Design. I.** Three hours.

An analysis of art principles in furnishings and their arrangement. A survey of period and contemporary styles. Problems in room layout in pen and ink, wash, and airbrush technique. PR, 141.

BIOLOGY

Mr. Davisson and Staff

. **Introduction to Biology. I.** Three hours.
A course in general biology with a new approach. Designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Mr. Davisson.

. **Introduction to Biology. II** Three hours.
PR, 101. Mr. Davisson.

. **General Biology. I.** Four hours.
This course, and the one following, constitute a year's study in the biological principles governing living things. Mr. Davisson.

. **General Biology. II.** Four hours.
Continuation of 104. Mr. Davisson
. **Introduction to Genetics. II.** Three hours.
Mr. Davisson.

. **Biological Survey. I. II.** One-three hours.
A survey of local biological materials of special value to grade teachers. Mr. Roberts.

BOTANY

Mr. Roberts and Staff

. **General Botany. I.** Four hours.
Preliminary to all advanced courses in Botany. Mr. Roberts.

. **General Botany. II** Four hours.
Continuation of 101. Mr. Roberts

. **General Botany. I. II.** Four hours.
A single semester survey course. Mr. Roberts.

. **Characteristics of Materials. I. II.** Two hours.
A course in the identification and characteristics of the various materials used in industry. Required of Industrial Arts major students.

N. **Microbiology. I.** Three hours.
Mr. Roberts

Open only to students of the Fairmont General Hospital School of Nursing. Miss Wolfe.

230. **Systematic Botany. II.** Two-three hour
Identification of seed plants. Mr. Robert

240. **Plant Ecology. I.** Four hour

310. **Plant Physiology. I.** Two-four hour

312. **Garden Materials. II.** Two-three hour
Materials, methods, and fundamentals of home landscaping.

314. **Plant Geography. I, II.** Two-three hour
The geological and environmental factors that influence the distrib
tion of plants over the earth. Mr. Robert

316. **Economic Botany. I.** Three hour

324. **Bacteriology. II.** Three hour

330. **Field Botany. II.** Two-three hour

340. **Morphology of Algae and Fungi.** Four hour

371. **Plant Anatomy. II.** Two-four hour

400. **Bryophytes and Pteridophytes. I.** Three-five hour

415. **Problems Course. I, II.** Two-five hour
Advanced work on special phases of Botany.

BUSINESS

Mr. Jaynes, Mr. Potesta, Mr. Layer, and Staff

102. **Principles of Business. II.** Three hour
An introduction to the various fields of business to acquaint t
student with the basic principles of each field and to prepare him for t
advanced courses in the several fields. It provides the student, early
his college training, with the information concerning the advanc
courses to aid in choosing his major studies. Mr. Jayne

201. **Principles of Accounting. I.** Three hour
Fundamental bookkeeping procedures. Organization of accoun
journalizing, and posting, expense and revenue accounts, adjustmen
and closing procedures, and the preparation of financial statemen
The theory of debits and credits. Sta

202. **Principles of Accounting. II.** Three hour
Continuation of 201, introducing accounts peculiar to partnershi
and corporations. PR, Bus. 201. Sta

205. **Salesmanship. I, II.** Three hour
Also listed as Ret. 205. Sta

210. **Accounting for Engineers. II.** Two hour
A course intended for pre-engineering students planning to comple
their work at West Virginia University. Its emphasis is on the bas
principles of accounting and the theory of cost accounting. Sta

211. **Business Correspondence. I.** Two hou
A study of the vocabulary and technique of business writing. Corre
English usage in modern business forms and letters. PR, Eng. 103, 1
Sta

01. **Advanced Accounting. I.** Three hours.
Interpretation and use of accounting data. A consideration of the evaluation of assets, depreciation, appraisal and depletion of fixed assets; intangibles; current, contingent, and fixed liabilities;; capital stock, surplus, and reserves. PR, Bus. 201, 202. Mr. Potesta.

02. **Advanced Accounting. II.** Three hours.
Continuation of 301. Valuation of accounts, working capital, profit and loss analysis, comparative statements, and source and application of funds. PR, Bus. 201, 202, 301. Mr. Potesta.

04. **Marketing. II.** Three hours.
A study of marketing (exchange) organization. Marketing principles and practices. Survey of marketing problems. PR, Econ. 201, 202.
Mr. Jaynes

06. **Business Law. I.** Three hours.
The principal laws applicable to business. A survey of laws governing business organization, contracts, business practices. The legal basis of business, private property, and other economic institutions.
Mr. Potesta.

07. **Business Law. II.** Three hours
Continuation of 306. Mr. Potesta.

08. **Industrial Relations. II.** Three hours.
A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

09. **Industrial Organization and Management. I.** Three hours.
A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heart, light, purchasing, etc. Mr. Jaynes

10. **Statistics. I.** Three hours.
The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results.
Mr. Jaynes.

12. **Principles of Insurance. II.** Three hours.
A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plan as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

14. **Office Management. II.** Two hours.
The study of office management principles. Analysis of office procedures, filing, transcribing, correspondence, reports, business machine operating and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff

20. **Principles of Advertising. II.** Three hours.
Also listed as Jour. 320. Mr. House.

01. **Business Finance. I.** Three hours.
A study of the principles, practices, and business forms used in financing modern corporations and other business. PR, Econ. 201, 202; Bus. 201, 202, Mr. Jaynes.

02. **Production Management. II.** Three hours.
The principles of economics applicable to production. The principles of scientific management. Incentives in production and incentive plans. Wages and wage rate determinations. Job analysis. Psychological motives in labor supervision and production. Plant layout and organization. De-

partmental setups. Planning production. Industrial engineering principle Management principles in production. PR, Econ. 201, 202, 302; Bus. 20 202, 302, 304, and 306. Mr. Jayne

403. **Business and the State. I, II.** Three hour
A general study of the relationships between private business an government, and the social implications thereof. No prerequisite.
Mr. Laye

404. **Cost Accounting. I.** Three hour
Elements and methods of cost finding. Methods of collecting and r cording the costs of material, labor, and overhead. Cost control a applied to various subsidiary ledgers and perpetual inventory. PR, Bu 201, 202, 301, and 302. Mr. Potest

405. **Auditing. II.** Three hour
Duties and responsibilities of auditors; methods of verification balance sheet and profit and loss accounts; working papers and schedule audit reports and certificates. PR, Bus. 201, 202, 301, 302, 404.
Mr. Potest

406. **Federal Income Tax Accounting: Individual. I.** Three hour
Preparation of income tax returns from the accounts of an individua exclusions and inclusions for gross income, capital gains and losse business expenses and other deductions. Mr. Potest

407. **Federal Income Tax Accounting: Partnership and Corporation. II**
Two hour
Continuation of 406, including preparation of income tax retur from accounts of partnerships and corporations. PR, Bus. 406. Mr. Potest

408. **Payroll Accounting.** Two hour
A study of accounting procedure and technique for payrolls, pa ticularly involving the Social Security Act, Federal Withholding Ta Act, and Unemployment Compensation Act. PR, Bus. 201, 202, 301, 302.
Mr. Potest

409. **Municipal Accounting.** Two hour
Principles of governmental accounting and fiscal administration accounting for funds; revenues and expenditures; assets and liabilities and federal accounting. PR, Bus. 201, 202, 301, 302. Mr. Potest

410. **Investments. II.** Three hour
A study of the principles of investment procedures and practice to follow in investing money. Included in the course are the following methods of statistical analysis; types of investment securities; source of information; municipals; governments; investment trusts; the stoc markets, etc. Mr. Jayne

CHEMISTRY

Mr. Ward, Mr. Haught, and Staff

101. **General Chemistry. I.** Four hour

102. **General Chemistry. II.** Four hour
PR, Chemistry 101.

107N. **Chemistry for Nurses.** Three hour

201. **Qualitative Analysis. II.** Four hour
PR, Chemistry 102.

240. **Quantitative Analysis. I.** Four hour
PR, Chemistry 102.

Quantitative Analysis. II. Four hours
PR, Chemistry 240

Organic Chemistry. I. Four hours.
PR, Chemistry 201, 241.

Organic Chemistry. II. Four hours.
PR, Chemistry 301.

Physical Chemistry. I. Five hours.
PR, Chemistry 241, 303. (Not offered 1950-51)

Physical Chemistry. II. Five hours.
PR, Chemistry 405. (Not offered, 1950-51)

ECONOMICS

Mr. Jaynes, Mr. Layer, and Staff

Economic Development of the United States. I. Three hours.
A course intended to introduce the beginning student to the general factors of the American economy, and to provide background material for later courses in Economics and Business. Mr. Jaynes.

Economic Principles and Problems. I. Three hours.
Fundamental economic concepts. The nature, form, size of production. Theories of value and price determination. Distribution theory. Rent, wages, interest, profits. Money, credit, and banking theory. International trade principles. The business cycle. Labor theory. Government and economics. The principles and laws of economic activity. Mr. Layer.

Economic Principles and Problems. II. Mr. Layer.
Survey current economic problems. Monopoly. Price problems. Agricultural problems. Transportation problems. International Trade Problems. The Tariff. Labor Relations and Labor Problems. Social Security. Labor and Social Legislation. PR, Econ. 201. Mr. Layer.

Economics for Engineers and Non-Majors. I. Three hours.
This is a course designed to introduce engineers and other college students to the study of economic principles. It deals with basic facts, concepts, and relationships most essential to understanding our economy. Mr. Layer.

Economics of Labor. I. Three hours.
Labor economic theory. Wage theory. Labor unions. Union organization and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. PR, Econ. 201, 202. Mr. Jaynes.

Money, Credit and Banking. I. Three hours.
An intensive study of money and credit principles with an analysis of their effects upon prices. History of money. History of banking. Banking principles and practices. PR, Econ. 201. Mr. Layer.

Business Cycles. II. Three hours.
A study of the nature, causes, and control of business fluctuations. Includes an analysis of time series; measurement and description of cycles; analysis of numerous explanations of cycles; methods of controlling the cycle through monetary management, public works, consumption, price and wage policies. Mr. Layer.

Economic Principles. I, II. Three hours.
This course is planned for those students, possessing only a general

interest in the field of Economics, who desire some knowledge of the organization and functions of our economic system. Economics major students should not elect this course. Mr. Layer.

306. **Economic Problems, I, II.** Three hours.
A study of the principal economic problems, current at any given time, designed to acquaint the student with the pertinent economic facts involved. This course is intended for students with a general interest only in the field, not for students majoring in Economics. Students who have credit for Econ. 301 will not be given credit for Econ. 306. PR, 305. Mr. Layer.

402. **Public Finance. II.** Three hours.
A study of the principles of taxation. The fiscal organization of the federal, state, and local governments with past and present fiscal practices. PR, Econ. 201, 202; Bus. 201, 202. Mr. Layer.

403. **International Economics. I.** Three hours.
The principles and practices of international trade. The tariff and reciprocal trade relations. International investments. Imperialism. The economic basis for international relations. PR, Econ. 201, 202. Mr. Layer.

404. **Comparative Economic Systems. I.** Two hours.
An analysis of the basic economic principles and concepts of capitalism, socialism, communism, fascism, cooperativism. PR, Econ. 201, 202. Mr. Layer.

405. **History of Economic Thought. II.** Two hours.
A study of economic thought from the beginning of time through the Greeks and Romans, medieval thought, mercantilists, Adam Smith, Ricardo, Mill and Marshall, Austrian school, German thinkers, and various American economists and schools of thought. PR, Econ. 201, 202. Mr. Layer.

406. **Guided Economic Study and Research. I, II.** One-two hours.
Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems such as labor relations, and others. Reports and analytical interpretations, both oral and written, required. PR, 18 hours of Economics, 30-34 hours Economics, Business and Social Science courses. Mr. Layer.

407. **Advanced Economic Problems. II.** Two hours.
A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Mr. Layer.

EDUCATION

Mr. Howard, Mr. Taylor, Mr. Collins, Mrs. Willard, Mr. Givens, and Staff

102. **Human Growth and Development. I, II.** Three hours.
The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. Staff.

104. **Human Growth and Development. I, II.** Three hours.
This course emphasizes learning as a means of growth and development. Laboratory and field work are required. Staff.

225. **Human Adjustment. I, II.** Three hours.
The development of a normal personality and the prevention of maladjustments are emphasized. PR, Ed. 102, 104. Staff.

3. **Elementary Methods. I.** Three hours.
This course includes two semester hours of primary methods. It is designed to provide for the needs of students preparing for the Third Class Elementary Certificate and for Curricula B and C certification.
Mrs. Willard.

0. **Observation and Directed Teaching: Third Class Elementary Certificate. I, II.** Three hours.
Student teaching must be on two levels; primary, and intermediate or upper grade level. PR, Ed. 102, 104, 226. Mrs. Willard.

3. **Tests and Measurements in the Public Schools. I.** Two hours.
The two-fold purpose of this course is to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR, Ed. 102, 104. Mr. Howard.

4. **Organization of the West Virginia School System and the Program of Study for the Elementary Schools. I.** Two hours.
The State School System is surveyed, and the State Elementary Course of study is examined. Mr. Givens.

6. **Advanced Elementary Methods. II.** Three hours.
A study will be made in this course of child growth and learning in grades four to eight. Observation of teaching is required. Mrs. Willard.

1. **Techniques in Diagnostic Reading. I.** Two hours.
This course is designed to give students experiences in diagnosing various types of reading difficulties or deficiencies. It will consist of observations, demonstrations, discussion and laboratory work. Staff.

0. **History of Education. II.** Two hours.
A general historical survey of the development of education, and the influence of the great philosophers upon modern thinking. Prerequisite: ten hours in Education and six hours in European history or World Civilization Staff.

5. **Survey of Guidance. I, II.** Two hours.
Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR, Ed. 102, 104. Mr. Howard.

0. **Observation and Directed Teaching: Curriculum B. I, II.** Two-six hours.
Student teaching must be on two levels. PR, Ed. 102, 104, 226, 336.
Mr. Collins.

2. **Integrated Methods: Curriculum C. II.** Three hours.
A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR, Ed. 102, 104. Mr. Collins.

4. **Audio-Visual Aids. II.** Two hours.
Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journey, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipments. Staff.

5. **Observation and Directed Teaching: Curriculum C. I, II.** Six hours.
A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: primary, intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR, Ed. 102, 104, 225, 226, 422. Mr. Collins.

431. **Materials and Methods. I, II.** Two hour
A course in special methods. Chairmen of departments of subje matter fields requiring unique and special methods may offer this cours in cooperation with the Department of Education after securing th approval of the chairman of the Curriculum Committee and the Chairma of the Department of Education. PR, 102, 104, 432.

432. **Principles and Methods of Teaching in the Secondary School. I, II.**
(a) First half; (b) Second half. Four hou
A survey of the basic principles of learning and of the techniques teaching in the secondary school. Observation in the public junior ar senior high schools is required. PR, Ed. 102, 104. Mr. Collin

450. **Observation and Directed Teaching: Curriculum A. I, II.** Six hour
Two consecutive hours should be reserved for this course. Observ tion and student teaching is generally required in two areas of co centration or teaching fields. PR, 102, 104, 225, 432. Mr. Collin

460. **Current Trends in Education. I, II.** Var. C
This is a technical course for advanced students who are interest in doing research in specific educational problems. Staf

ENGINEERING

Mr. Shutts, Mr. Wise, Mr. Carmichael

112. **Machine Shop. I.** Two hour
This course is an introductory course in the care and use of m chines, safety practices, etc. Work on the lathe will be emphasize Several projects in simple machine work are to be developed by th students. Mr. Carmichae

113. **Mechanical Drawing.** Three hour
This course is designed especially for pre-engineering students. Th following topics are studied: care and use of instruments, lettering, orth graphic projections, use of auxiliary projections, isometric projection tracing and blue printing. Mr. Wis

115. **Welding and Heat Treatment.** Two hour
Designed especially for engineering students, this course consists lectures, recitations, demonstrations, and shop practices on oxy-acetylen electric and resistance welding of pipes, tubing, and plates. Some o portunity will be given for practice in the molding and casting of ferro and non-ferrous metals. Mr. Carmichae

131. **Descriptive Geometry. II.** Three hour
PR, Engr. 113, and Math 121. Mr. Wis

201. **Mechanics. I.** Three hour
This course is designed especially for pre-engineering student The following topics are studied: resultants of force systems, equilibriu of force systems, first moments and centroids. PR, Math. 231 and Physi 210. Mr. Shutts, Mrs. For

202. **Mechanics. II.** Three hour
This course is a continuation of Engr. 201. The following topics a studied: motion of a body, work and energy, impulse and momentu second moments. Mr. Shutts, Mrs. For

207. **Mechanism. II.** Two-four hou
A course designed for pre-engineering students and consisting lectures and graphical solutions of engineering problems. PR, 113, 131. Staf

9. **Elements of Machine Design.** Two hours.
This course is designed to give pre-engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw filings, limits, tolerance and allowance.
Mr. Wise.

2. **Machine Shop. II.** Two hours.
Continuation of 112. Mr. Carmichael.

1. **Plane Surveying. I.** Three hours.
PR, Math 231. Mr. Shutts.

ENGLISH

Mr. Fryxell, Miss Tate, Mr. Opp, Mr. Rhodes, Miss Lucker, Miss Sager, and Staff

1. **Remedial English. I, II.** No credit.
Entering students whose knowledge of correct English is deemed insufficient, as evidenced by a placement test, must satisfactorily pass three hours of remedial work with no credit toward graduation before enrolling for credit in freshman composition. Staff

2. **First Year Written and Spoken English. I , II.** Three hours.
Training in the mechanics of writing and in the use of reference books; attention to vocabulary building and to correct speech; themes and speech exercises. Staff

4. **First Year Written and Spoken English. I, II.** Three hours.
Continuation of English 102. Staff
English 102 and 104 are prerequisite for all English courses numbered 200 and over.

1. **Introduction to the Study of Poetry. II** Three hours.
A foundational course in poetry. Mr. Rhodes.

2. **Study and Appreciation of English Literature. I.** Three hours.
Selections are studied from English literature to represent various types such as drama, epic poetry, lyric poetry, the novel. Staff.

4. **Study and Appreciation of American Literature. II.** Three hours.
Selections are studied from American literature to comprehend the author's ideas and see how these ideas are representative of American life. Staff.
English 202 and 204 are prerequisite for all English courses numbered 300 and above, unless such courses are indicated as exceptions.

7. **Backgrounds of Literature. I.** Three hours.
A survey of literature desirable for children; development of principles of selection and standards of evaluation; training in presenting poetry and stories. Miss Tate.

8. **Second Year Written and Spoken English. II.** Three hours.
Development of ability to communicate in clear, effective correct English, with emphasis on preparation and delivery of representative types of speech. PR, English 102, 104. Staff.

3. **The Old Testament. I.** Three hours.
A study of the literary types and content of the Old Testament.
Mr. Rhodes.

4. **The New Testament. II.** Three hours.
A study of the literary types and content of the New Testament.
Mr. Rhodes.

302. **Narrative and Descriptive Writing. I.** Two hour
Study and writing of the various types of narration and descriptio
PR, English 102, 104. Miss Tate, Mr. Rhode

304. **Creative Writing. II.** Two hour
Designed to give students of ability an opportunity for consultatic
and guidance in their writing. Does not substitute for any require
course. PR, English 102, 104. Staf

313. **Shakespeare. I.** Two hour
A study of representative Shakespearian comedies. Mr. Fryxe

314. **Shakespeare. II** Two hour
A study of representative Shakespearian tragedies. Mr. Fryxe

318. **Modern Drama. II.** Three hour
The history of the British drama and the study of modern dramas
British, Continental, and American. Miss Tat

321. **A Study of the English Language. I.** Three hour
A presentation of the techniques of English, diction and word anal
sis, letter writing, use of the library, prosody and figures of speech. P
English 102, 104. Required of all prospective teachers of English.

322. **The Modern Short Story. I.** Two hour
A study of the development of the short story and general readir
of representative types and authors. Mr. Op

325. **The Modern Novel. I.** Three hour
Historical study of the development of the novel. Reading ar
critical study of the best British and American fiction. Mr. Op

326. **Modern British and American Poetry. II.** Three hour
Reading and study of contemporary poetry; lectures and discussio
on the new poetry movement Mr. Op

341. **Survey of World Literature. I.** Three hour
A study in translation of some of the great writers of the wor
from Homer through Dante. PR, English 102, 104. Mr. Fryxe

342. **Survey of World Literature. II.** Three hour
A continuation of 341, covering the period from the Renaissance
modern times. PR, English 102, 104. Mr. Fryxe

351. **Survey of English Literature. I.** Three hour
A study of English literature from Beowulf through the 18th centur
Mr. Fryxe

352. **Survey of English Literature. II.** Three hour
A continuation of 351. Literature of the 19th and 20th centuries.
Mr. Fryxe

361. **Survey of American Literature. I.** Three hour
A survey of American authors from the colonial period to Wa
Whitman. Some emphasis on types and criticism. Miss Tate, Miss Lucke

362. **Survey of American Literature. II.** Three hour
Continuation of 361. The material considered extends from Wa
Whitman to present day authors. Miss Tate, Miss Lucke

371. **Folk Literature. I, II.** Three hour
A study of the literature of the people, including such items a
children's ballads, folk songs, popular stories, sayings, etc. Miss Music

03. **Study and Appreciation of English Literature. I.** Three hours.
This course has been set up on a temporary basis in order to assist advanced students in transferring from other curricula to Cur. C.
Miss Musick.

04. **Study and Appreciation of American Literature. II.** Three hours.
This course, in the same manner as 403, has been set up to assist students in meeting Cur. C. requirements. Miss Musick.

13. **Expository Writing. II.** Two hours.
Study of diction, sentences, paragraphing. Writing of research papers. PR, 102, 104. Miss Tate, Mr. Rhodes.

21. **Interpretation of Poetry. II.** Three hours.
A study of the meaning of poetry and the use of poetry as choric speech. Mr. Rhodes.

31. **Milton. I.** Two hours.
A study of the thought of the great Puritan poet as seen in representative selections of his work. Miss Lucker.

51. **Chaucer. II.** Three hours.
A study of The Canterbury Tales, primarily from a literary point of view, secondarily from the linguistic side. Mr. Fryxell.

FRENCH

Miss Terry

01. **Elementary French. I.** Three hours.
Pronunciation, early reading for comprehension of easy prose, elements of grammar, regular verbs and common irregular verbs, oral and written drill and composition.

02. **Elementary French. II.** Three hours.
Continuation of 101. One unit of high school French is also considered as a satisfactory prerequisite for this course.

01. **Second Year French. I.** Three hours.
The aim is to learn to use the language in easy idiomatic writing, with grammar as a means to this end. PR, 101, 102, or two units of high school French.

02. **Second Year French. II.** Three hours.
Pronunciation, oral reading, and conversation. PR, same as for 201.

01. **Literature of the Seventeenth Century. I.** Three hours.
Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR, two years of college French or equivalent.

02. **Literature of the Eighteenth Century. II.** Three hours.
Especial emphasis on the writings of Rousseau and Voltaire with outside readings on the other writers. PR, same as for 301.

09. **Advanced Grammar and Composition. I.** Three hours.
Emphasis on grammar, not only as something to be learned, but as something to be taught.

21. **The Romantic Movement. I.** Three hours.
Emphasis on the poetry of Hugo, Lamartine, de Vigny, and de Musset, with collateral reading of novels and plays.

22. **French Literature Since 1850. II.** Three hours.
A continuation of 421.

431. **French Civilization and Culture. I.** Three hours
PR, 12 hours of French, or equivalent.

GEOGRAPHY

Mr. Pence, Mr. Roberts, and Staff

204. **Economic Geography. II.** Three hours
Relationship of the production of goods and services to the natural landscape; resource content and human activity in the various regions of the world; the economic activities of man in their physical and cultural setting. Staff

305. **World Political Geography. I.** Three hours
The state and its areal expression; type and functional classification of the present divisions of the world; factors in delimitation of states; evolution of the present nation-states system; areal aspects and problems of super-state organization. Mr. Pence

314. **Plant Geography. I. II.** Two-three hours
The geological and environmental factors that influence the distribution of plants over the earth. Mr. Roberts

320. **Meterology and Climatology. II.** Two hours
The elements of weather and climate. Mr. Roberts

330. **Conservation of Natural Resources. II.** Three hours
The problems of availability, production, exploitation, appraisal distribution, and renewability of natural resources. Resources exhaustion and the national and international problems it has created and will create. Mr. Roberts

GEOLOGY

Mr. Roberts

302. **Historical Geology. I, II.** Two-three hours
Origin and geological history of the earth and the evolution of its animal and plant inhabitants; pre-history as revealed in the rocks of the earth's crust.

GERMAN

Miss Ice

101. **First Year German. I.** Three hours

102. **First Year German. II.** Three hours
PR, 101, or one unit of high school German.

201. **Intermediate German. I.** Three hours
Reading, composition, conversation. PR, 102 or equivalent.

202. **Intermediate German. II.** PR, 201 or equivalent. Three hours

HEALTH

Mr. Hunt, Mr. Glenn Evans, and Staff

102. **Personal Health. I, II.** Two hours
This course consists of a study of the individual health of the student

06. **Home Nursing. II.** Two hours.
Home care of the young, the sick and the aged. Miss Radford.

41. **First Aid and Safety Education. I, II.** Two hours.
Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr. Wilson.

02. **Community Health and Sanitation. I.** Two hours.
The study and observation of health and sanitation as it affects the community. Mr. Evans.

04. **Health Education for Teachers in Service. II.** Two-three hours.
Conducted as a work-shop under the supervision of various members of the faculty, state and local departments of public health. Mr. Hunt.

06. **Marital Relations. II.** Two hours.
Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations. Mr. Wilson.

08. **School Health Problems. I.** Two hours.
Survey of school programs, school health services and interrelationships. Mr. Evans.

14. **Health and the Physical Factors of Environment.** One-two hours.
A workshop course. Mr. Hunt.

04. **Physical Inspection. II.** Two hours.
Physical inspection and correction of remedial defects. Mr. Evans.

06. **Family Health Problems.** Two-three hours.
Family health problems considered from the nutritional, sociological, and economic viewpoints. Conducted as a workshop course. Mr. Hunt.

08. **Public Health Problems. II.** Three hours.
The functions of local, state and federal health authorities. Mr. Evans.

51. **Organization and Administration of Health.** Two hours.
Administrative policies and activities of health departments. Staff.

HISTORY

Mr. Lindley, Miss Crystal, Mr. Taylor, and Staff

01. **World Civilization. I.** Three hours.
Part I—Ancient and Medieval Institutions and Cultures with particular emphasis on the rise of western civilization. Mr. Lindley.

02. **World Civilization. II.** Three hours.
Part II—The rise of national governments and cultures, the advance of western civilization and the twentieth century conflict in politics and ideology. Mr. Lindley.

05. **Contemporary Affairs. I.** Two hours.
A study of the United States contemporary affairs in their world setting. Miss Crystal.

07. **A Survey of the United States History. I.** Three hours.
Part I—A survey of the United States history from the European background to the Civil War. The course includes a study of the political social, economic, and cultural forces in their world setting.

Miss Crystal, Mr. Taylor

208. **A Survey of the United States History. II.** Three hours
Part II—A continuation of History 207. A study of the problems and development of the United States, Civil War to the present.
Miss Crystal, Mr. Taylor

221. **Modern Europe. I.** Three hours
Part I—Early modern culture, the Reformation and the rise of the national state system, the economic revolutions and the French revolution. Mr. Lindley

222. **Modern Europe. II.** Three hours
Part II—Democracy and nationalism in the nineteenth century, international conflict and world order, modern and contemporary culture.
Mr. Lindley

302. **History of West Virginia. I, II.** Three hours
The geography, history and government of West Virginia considered as a unified study of a region. Miss Crystal

304. **United States and Latin America. II.** Three hours
A study of the United States in relation to Latin American affairs. Emphasis is on United States-Latin American relations from the Monroe Doctrine to the present. Miss Crystal

305. **History of United States Foreign Policy. I.** Three hours
A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, events leading to the First and Second World Wars, and the problems of the post war period. Mr. Taylor

306. **History of Latin America. I.** Three hours
A survey of the history of Latin America from the conquest to the present. Mr. Lindley

307. **English History. Part I, I.** Two hours
The story of England to the Glorious Revolution. Mr. Lindley

308. **English History. Part II. II.** Two hours
England from the Glorious Revolution to the present. This course is particularly useful for Pre-Law students as well as for History and Social Studies majors and minors. Mr. Lindley

309. **History of Western Culture. I.** Three hours
A study of the prevailing political, social, philosophical, religious and other cultural ideas and systems from the beginning of history to the Middle Ages. PR, 6 hours of European History or World Civilization
Mr. Lindley

310. **History of Western Culture. II.** Three hours
The same to our own time. 309-310 is recommended for History majors and minors and for mature students in whatever field of specialization who have the prerequisite. Mr. Lindley

311. **Contemporary Mexico. (Summer)** Six hours
An intensive field study for six weeks of Mexican geography, government, politics, economy, society, and culture. Mr. Lindley

315. **Colonial History of the United States. I.** Two hours
A detailed study of the European background of United States history and the political, social and economic developments through the Revolutionary War. Mr. Taylor

16. **Jeffersonian and Jacksonian Democracy. II** Two hours.
A detailed study of the United States history from the Revolutionary War to 1840 with special emphasis on the origin and development of the Federal constitution and Jeffersonian and Jacksonian Democracy.
Mr. Taylor.

20. **Social and Economic History of the United States.** Three hours.
A survey of the social and economic history of the people of the United States. Miss Crystal.

02. **Contemporary Europe. I.** Three hours.
An intensive study of the contemporary period of international conflict and the struggle for world order and stability. PR, History 101-102 or 221-222. Mr. Lindley.

08. **Growth of the American Nation, 1492-1830. I, II.** Three hours.
A comprehensive study of U. S. history with special attention to the background and development of the Federal Constitution. Miss Crystal.

09. **Growth of American Democracy, 1830-1950. I, II.** Three hours.
A detailed study of U. S. history with emphasis placed on the development of democratic institutions and the background of present social and economic problems. Miss Crystal.

10. **United States Since the First World War. II.** Three hours.
An intensive study fo the history of the United States from the First World War to the present. Miss Crystal.

50A. **Guided Historical Study. I, II.** One-two hours
Intensive reading and study about a selected subject in the field of American history. Mr. Taylor.

50B. **Guided Historical Study. I, II.** One-two hours.
Intensive reading and study in the field of European history.
Mr. Lindley

52. **Introduction to Historical Research and Bibliography. II.** Three hours
. It is the purpose of this course to give the student some training in the science of historical research and bibliography and the art of historical writing. Mr. Taylor.

HOME ECONOMICS

Miss Compton, Miss Richmond, and Staff

01. **Elementary Clothing. I.** Three hours
Principles of construction and practice in fundamental processes.
Miss Compton.

02. **Clothing Selection and Construction. II.** Two hours.
Dress making and tailoring. PR, Home Ec. 101. Miss Compton.

04. **Principles of Clothing Design. II.** Two hours.
This course includes the study of line, color and texture in relation to individual types. Miss Compton.

07. **Home Making. I.** Three hours.
An elective course in home making, open to all freshman women, which has been planned to give students a working knowledge of the several arts involved in establishing and maintaining the average, modern home. Students earning credit in this course, who may later major in Home Economics, may apply this credit toward departmental graduation requirements, if the grade earned is "B" or better.
Miss Compton, Miss Richmond.

108. **Home Making. II.** Three hours
A continuation of 107.

110N. **Foods and Nutrition for Nurses. I.** Three hours
The food requirements of an adequate diet for normal individuals Calculation of the nutritive value of recipes and the planning of diet to meet specifications. Food preparations suitable for liquid, soft and light diet. Miss Richmond

201. **Elementary Foods. I.** Three hours
Application of recent theories of food preparation as they affect th nutritive value, flavor and appearance of food. Preservation and use o available foods. PR, Chem. 101 and 102 or consent of instructor.

202. **Advanced Foods. II.** Three hours
Continuation of Home Economics 201; also meal service with em phasis on cost in time and money. Miss Richmond

203. **Children's Clothing. II.** Two hours
This course includes the planning, purchasing, and making of chi dren's clothing, considering hygiene, comfort, beauty and practicability PR, Home Ec. 101. Miss Compton

210. **Textiles. I.** Three hours
A study of the important textile fibers, their manufacture, use an care. Miss Compton

230. **Handcraft. II.** Two-Three hours
Practical, leisure activities; weaving, knitting, crocheting and relate crafts. Elective. Miss Compton

301. **Fundamentals of Sewing.** Three hours
Selection of fabric and style, basic construction processes, and fittin problems are emphasized in this course. Miss Compton

302. **Meal Management.** Three hours
Meal preparation and table service from the viewpoint of econom of time, effort and money. A variety of meals will be prepared an served—family, buffet, brunch, coffees. This course is designed especiall for non-majors in the field. Miss Richmond

303. **Nutrition. I.** Three hours
Nutritive value of foods, raw and cooked; their relation to health c children and adults. Materials and methods of popularizing the facts c nutrition in the community. School lunch problems. Open to non-major by consent of instructor. Meets requirements for Red Cross Nutritio Certificate. PR, Home Ec. 201, 202. Miss Richmond

310. **Family Life Education. I, II.** Two hours

312. **Consumer Education. II.** Three hours
How to select large and small household consumable goods. Source materials which provide consumer information; the consumer movemen and legislation for consumers. Open to men and women. Miss Richmond

315. **Home Management. II.** Three hours
A study of the management of the home, financial and mechanical.
Miss Compton, Miss Richmond

320. **Home Planning and Furnishing. I.** Four hours
A study of the evolution of the house, modern houses, location, con struction, from a scientific, sanitary, economic and artistic standpoint.
Miss Compton

330. **Child Care and Development. II.** Two hours.
The care and development of the infant and pre-school child from the standpoint of home and parent. Miss Richmond.

340. **Quantity Cookery. I.** Three hours.
Practice in selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service are stressed. PR, Home Ec. 303. Staff

351. **Applied Design. II.** Two hours.
Design as applied to cloth, leather, and paper. Miss Compton.

403. **Costume Design. II.** Two hours.
A practical application in cloth of the designs created. PR, or Parallel: Home Ec. 101, 102, 104. Miss Compton.

406. **Home Economics Technique. I.** Two hours.
Required for teachers. The philosophy of home economics and its historic background. Organization of teaching materials; experience before the group in such techniques as demonstrations and discussion leading. Miss Richmond.

408. **Diet in Disease.** Three hours.
The diet therapy approach in disease. Staff members of Fairmont General Hospital.

410. **Advanced Textiles. II.** Three hours.
Qualitative analysis of textile fabrics. Miss Compton, Mr. Ward.

414. **Institutional Management. I.** Three hours.
A study of the organization and management problems in food service units in institutions. Emphasis will be placed on types of management; personal problems; records for control; store-room procedure; floor plans and routine; equipment and furnishings. PR, Home Ec. 340. Staff.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Carmichael, and Mr. Wise

101. **General Bench Wood Work.** Two hours.
A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Johnson.

110. **General Shop.** Two hours.
This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Carmichael.

130. **Elementary Applied Electricity.** Two hours.
A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

134. **Machine Shop. I.** Two hours.
A beginning course in the use of the fundamental hand and machine

tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced.
Mr. Carmichael.

140. **General Mechanical Drawing.** Two hours.
A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawings, and blue printing. Pre-engineering students may substitute Engineering 113 for this course. Staff

202. **Machine Woodworking.** Two hours.
A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems studied. Mr. Johnson.

220. **Sheet Metal. I.** Two hours.
A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Carmichael.

234. **Machine Shop. II.** Two hours.
A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR, 134.
Mr. Carmichael.

230. **Electricity. II.** Two hours.
A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. Mr. Wise.

242. **Architectural Drawing.** Two hours.
A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. Staff.

303. **Furniture Construction and Design. I.** Two hours.
Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for some project to be made in 304. PR, 101, 202. Mr. Johnson.

304. **Cabinet Making. I.** Two hours.
A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftsmanship will be maintained. PR, 101, 102, 303. Mr. Johnson.

308. **Wood Finishing.** Two hours.
A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels.
Mr. Johnson.

314. **Plastics and Crafts. I.** Two hours.
Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel, involving forming, embossing, chasing, planishing, etching and spinning. Staff.

320. **Sheet Metal. II.** Two hours.
A continuation from Sheet Metal I. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR. 220. Mr. Carmichael.

322. **General Metal. I.** Two hours.
This is a course for the student who desires a variety of experiences in the metal working field. It will include instructional units in art metal, bench metal, sheet metal, and welding. PR, 134. Mr. Carmichael.

325. **Organization and Administration of Industrial Arts. I.** Two hours.
A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR, 12 hours of Industrial Arts ciurses. Mr. Johnson.

334. **Machine Shop. III.** Two hours.
This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR, 134, 234.
Mr. Carmichael.

335. **Philosophy of Industrial Arts. II.** Three hours.
This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR, 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

342. **Architectural Drawing. II.** Two hours.
A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR, 140, 242. Staff

345. **Acetylene Welding.** Two hours.
The care, operation, use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR, 134, 322. Mr. Carmichael.

346. **Arc Welding.** Two hours.
The care, operation, maintenance, methods, and safety precautions necessary in the welding of the common metals by the use of the arc welder. Welding will be done with both types of welding machines. PR, 134, 322. Mr. Carmichael.

350. **Machine Drawing. I.** Two hours.
A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blue printed. Staff.

404. **Building Construction. I.** Two hours.
Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR, I. A. 101, 242, 342 or 12 hours of I. A. work. Mr. Johnson.

405. **Building Construction. II.** Two hours.
A continuation of 404. Mr. Johnson.

414. **Plastics and Crafts. II.** Two hours.
Advanced craft work in plastics, leathers, and metals. A continuation of 314. Mr. Johnson.

420. **Sheet Metal. III.** Two hours.
A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air-conditioning industry. Mr. Carmichael.

442. **Architectural Drawing. III.** Two hours.
A course in the use of wrought iron and non-ferrous metals in the making of decorative and useful articles. PR, 134, 234, 322.
Mr. Carmichael.

434. **Machine Shop. IV.** Two hours.
A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR, 134, 234, and 334. Mr. Carmichael.

442. **Architectural Drawing. IV.** Two hours.
A class in the study of the classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries, up to and including the present. PR, 242, 342. Mr. Johnson.

450. **Machine Drawing. II.** Two hours.
This course involves a study of machine design, properties, strength of metals and alloys. A small machine will be designed, drawn, and blue printed. PR, 140, 350. Mr. Wise.

462. **Architectural Drawing. IV.** Two hours.
Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective, detailing, and the making of a model will complete the architectural sequences. PR. 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance. I.** Two hours.
Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR, senior standing and advanced training in the metal areas.
Mr. Carmichael.

475. **Mill Wrighting. II** Two hours.
Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR, senior standing and advanced training in the woodworking areas. Mr. Johnson.

*The Industrial Arts Department operates, during the regular academic year, on a nine weeks plan. Classes in this department normally carry two-hour credits and meet daily, five days per week, for two periods.

JOURNALISM*

Mr. House and Staff

140. **Introduction to Reporting. I, II.** Three hours.
Fundamentals of reporting; gathering and writing news; journalism as a possible vocation; how to cooperate with the press, be a better newspaper reader.

240. **Advanced Reporting. II.** Three hours.
Continuation of 140 with emphasis on covering news of courts; practice in reporting specialized news.

302. **Editing and Make-up. I.** Two hours.
Preparation of copy for the printer; copy-editing, proofreading, headline writing; layout of the page.

05. **History of Journalism (and Communications). I.** Three hours.
History of journalism from Colonial days to the present; contemporary problems in the light of their historical development; growth of newspapers from organs of political parties to the social instruments of today; consideration of radio, television and facsimile.

12. **Publication Problems. II.** Two hours.
A practical course for teachers who supervise a school newspaper, yearbook, handbook; for editors of company newspapers (house organs); for anyone charged with producing a publication.

20. **Advertising. I, II.** Three hours.
A survey course. The social, psychological and some technical aspects of advertising. For Business and Journalism students.

30. **Community Relations.** Two hours.
A workshop course. Mr. Hunt.

12. **Journalism Practice. I, II.** Two hours.
Practical experience on the college newspaper, yearbook, local daily newspapers, radio stations, plus guided reading in the student's field of major interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, editorial writing, business management, circulation promotion, public relations, advertising, photography. For Journalism majors or minors.

70. **Communications in Society. I.** Two hours.
The influence of old and new forms of communication on the social order; why and how people react to news, publicity, public relations, propaganda; reference to laws of libel. For Social Science and Journalism students.

71. **The Newspaper and Society. II.** Two hours.
Development of the newspaper as a social force; present practice and principles of the press; ethics and influence of newspapers. For Social Science and Journalism students.

General recommendations of the American Association of Schools and Departments of Journalism have been observed in setting up requirements and courses.

LATIN

Miss Terry

01. **Elementary Latin. I.** Three hours.
Prerequisite for law, medicine, business administration, etc.

02. **Elementary Latin. II.** Three hours.
Continuation of Latin 101.

LIBRARY SCIENCE

Mr. Jones and Staff

01. **The Use of the Library. I.** One hour.
This is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. Mr. Jones.

207. **Children's Literature and Story Telling. I.** Three hours.
This course is given as English 207. Backgrounds of Literature.
Miss Tate.

302. **School Library Administration. I.** Three hours.
A study of organization and administration of the school library, and its place in carrying out the objectives of the school program. PR, 101.
Staff

303. **Cataloging and Classification. II.** Three hours.
Introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR. 101, O.A. 101, or its equivalent. Staff.

305. **Selection and Use of Library Materials. II.** Two hours.
This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the curriculum are studied. PR, 101. Mr. Jones.

306. **Reference and Bibliography. I.** Two hours.
A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. PR, 101; O.A. 101, or its equivalent. Mr. Jones.

404. **Practice Work. I, II.** Two-three hours.
Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training schools. PR. 101, 302; O.A. 101 ,or its equivalent.
Mr. Jones and Staff.

MATHEMATICS

Mr. Shutts, Miss Musick, Mrs. Ford and Staff

1. **Intermediate Algebra. I, II.** ½ unit.
This course is designed for students with only one unit of algebra in high school. Miss Musick.

111. **Review Algebra. I, II.** Two hours.
PR, One and one-half units of high school Algebra. Mrs. Ford.

121. **Solid Geometry. I, II.** Three hours.
PR, Plane Geometry. Mrs. Ford.

141. **Business Mathematics. I, II.** Two hours.
This course is designed especially for students in business administration. The following topics are studied: buying and selling, manufacturing, interest and banking, investments, money and credit, and social security. Opportunity is given for review in the fundamentals of arithmetic. Mrs. Ford.

203. **Practical Arithmetic.** Two hours.
This course is designed especially for students wishing to meet the mathematical requirement for the elementary certificate. Staff.

205. **General Mathematics. I.** Two-four hours.
This course is designed especially for all students wishing to meet the mathematical requirements for public school certification and general education in mathematics. The first half of the course will meet the requirement for the elementary certificate or Math. 203. Staff.

221. **College Algebra. I, II.** Four hours.
PR, Math. 111. Miss Musick.

231. **Plane Trigonometry. I, II.** Three hours
PR, Math. 111. Mr. Shutts.

251. **Analytical Geometry. I, II.** Four hours.
PR, Math. 221 and Math 231. Miss Musick.

307. **Advanced Algebra. I.** Three hours.
This course is a continuation of Math. 221. Miss Musick.

311. **Navigational Trigonometry. II.** Three hours
This course is designed to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in astronomy and in the navigating of aircraft and surface vessels. PR, Math. 231. Mrs. Ford.

321. **Differential Calculus. I.** Four hours.
PR, Math. 251. Mr. Shutts.

331. **Integral Calculus. II.** Four hours.
PR, Math. 321. Mr. Shutts.

341. **Theory of Equations. I.** Three hours.
PR, Math. 331. Mrs. Ford.

351. **Mathematics of Finance and Investment. I.** Three hours.
This course is designed especially for students in business administration. The following topics are studies: annuities, amortization, sinking funds, interest, bonds, depreciation and replacement, the elements of actuarial science. PR, Math. 221. Mrs. Ford.

401. **Differential Equations. II.** Three hours.
PR, Math. 331. Mr. Shutts.

405. **Modern Geometry. II.** Three hours.
The topics studied: An extension of the principles and proofs of plane geometry, including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion and the geometry of the triangle. PR, Math. 251. Miss Musick.

411. **Advanced Calculus. II.** Three hours.
PR, Math. 331. Mr. Shutts.

421. **Descriptive Astronomy. I.** Three hours.
PR, Math. 251. Mrs. Ford.

431. **Theory of Determinants and Analytics of Space. I.** Three hours.
PR, Math. 321. Mr. Shutts.

441. **Projective Geometry. II.** Three hours.
The purpose of this course is to introduce the methods of projective geometry based on the use of homogeneous coordinates. The methods will be developed through a study of the straight line, duality, one-one algebratic correspondence and cross ratio, conics, and quadrilateral and quadrangle. Some attention will be given to interpreting results metrically. PR, 431. Mr. Shutts.

451. **History of Mathematics. I.** Three hours.
This course is designed especially for teachers majoring in mathematics. PR. Math. 331. Mrs. Ford.

MUSIC

Mr. Evans, Mr. Greco, Miss Price, Mrs. Donham

101. **Elementary Music, or Music as an Art and a Science. I, II.** Two hours.
The following topics are studied: terminology of music, scale building,

rhythm problems and the use of syllables in sight singing. A study of the lives and works of the great composers will be made. Mr. Evans.

102. **Music Materials and Procedures. II.** Two hours.
The course includes materials and methods for dealing with the various phases of music in the public schools. PR, Music 101. Miss Price.

104. **Sightsinging. II.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: music in unison, two and three parts; simple chromatics using both the bass and treble staffs. PR, Music 101. Miss Price.

107. **Piano. I, II.** One hour.
This course is designed for beginners. The following materials are learned: the completion of an elementary piano book, all major scales, hands separately and one piece learned and memorized for performance. One to all students. Mr. Evans.

108. **Piano. I, II.** One hour.
Continuation of Music 107. Mr. Evans.

141. **Voice. I, II.** One hour.
This course is designed for any student possessing a voice with enough quality, after an audition, to merit training. The following topics are studied: Voice placement, breath control, proper formation of vowels and consonants, vocalises and easy songs in English and Italian. PR, Audition. Miss Price, Mr. Evans.

142. **Voice. I, II.** One hour.
Continuation of Music 141. Miss Price. Mr. Evans.

*165-466. **Fairmont College—Community Male Chorus. I, II.** One hour.
This organization is made up of college and community men. It performs for college affairs and activities outside the campus. Open to all men able to sing a part. PR, Tryout. Mr. Evans.

*167-468. **Orchestra. I, II.** One hour.
The study of orchestral literature and administration through participation. Open to all students who can play an instrument needed to keep a well balanced organization. PR, Tryout. Mr. Greco.

*169-470. **Band. I, II.** One hour.
Open to all students who can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR, Tryout. Mr. Greco.

*171-472. **Women's Chorus. I, II.** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature, organization and administration of a Woman's Chorus. PR, Tryout. Miss Price.

*173-474. **College Choir.** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature and administration through participation. PR, Tryout. Mr. Evans.

203. **Ear Training. I.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: Recognition of simple melodies and rhythmic

*Training in band, orchestra, chorus, and individual orchestral instruments may be taken in each semester of each year. If in the first year, the course numbers will be 165, 166; in the second year 265, 266, and so on.

patterns, gaining ability to visualize and write melodic phrases in all keys. PR, Music 104. Mr. Evans.

205. **Music in Human Relations. I, II.** Two hours.
This course is open to all students as a general education course in music. Miss Price.

207. **Piano. I, II.** One hour.
Studies: The little Preludes and Fuges of Bach.
Scales: All majors and harmonic scales, hands together; melodic minor scales, hands separately. M. M. Quarter note 80—eighth notes, two octaves; triplet eighth notes, three octaves, sixth notes, four octaves.
Sonatine by Clementi, Kullau, etc. Pieces of comparable difficulty, as assigned by instructor. PR, Music 108. Mr. Evans.

208. **Piano. I. II.** One hour.
Continuation of Music 207. Mr. Evans.

211. **String Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Greco.

212. **String Class. II.** One hour.
A continuation of 211. Mr. Greco.

213. **Brass Class. I.** One hour.
This course is open to all students with sufficent background in music. A working knowledge of brass instruments is attained through class instruction. PR, Music 101. Mr. Greco.

214. **Brass Class. II.** One hour.
A continuation of 213. Mr. Greco.

215. **Woodwind Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. PR, Music 101. Mr. Greco.

216. **Woodwind Class. II.** One hour.
A continuation of 215. Mr. Greco.

241. **Voice. I, II.** One hour.
Technical work continued with more emphasis placed on voice placement and breathing. It is expected by this time that the student will have studied songs other than English, preferably Italian. PR, Music 142.

242. **Voice. I, II.** One hour.
Continuation of Music 241. Miss Price, Mr. Evans.

275. **Violin. I, II.** One hour.
This course is designed for individual study of the techniques of violin playing. Studies in first position will be used with a knowledge of third position learned. PR, Music 211. Mr. Greco.

279. **Cello. I, II.** One hour.
This course is designed for individual study of the techniques of cello playing. Studies of grade two will be used with scales through fourth position. PR, Music 211. Mr. Greco.

283. **Clarinet. I, II.** One hour.
This course is designed for individual study of the techniques of clarinet playing. Studies by Klose, Part I and II will be used. Duets and solos of comparable difficulty will be studied. PR, Music 215. Mr. Greco.

285. **Flute. I, II.** One hour.
This course is designed for individual study of the techniques of flute playing. Studies by Hickok, Wagner and Etudes by Kohler, books I and II will be used. PR, Music 215. Mr. Greco.

289. **Trumpet or Cornet. I, II.** One hour.
This course is designed for individual study of the techniques of trumpet playing. The Arban Method for cornet will be used with the beginning of an elementary song repertoire. PR, Music 213. Mr. Greco.

291. **Trombone. I, II.** One hour.
This course is designed for individual study of the techniques of trombone playing. Methods by Clarke and Muller will be used. Songs for trombone will be studied. PR, Music 213. Mr. Greco.

301. **Music Appreciation. I, II.** Three hours.
This course consists of a general survey of music with the idea of a broader and more cultural understanding of music as an art. Open to all students. , Miss Price.

307. **Piano. I, II.** One hour.
Technical studies continued with scales in thirds, sixths and tenths; all harmonic and melodic minor scales; hands together. M. M. Quarter note 100. Studies by Czerny, Op. 299. Bach Inventions. PR, Music 208. Mr. Evans.

308. **Piano. I, II.** One hour.
Continuation of Music 307. Mr. Evans.

311. **Harmony. I.** Two hours.
This course consists of exercises for the mechanics of voice-leading in four-part vocal harmony, definite harmonic progression in relation to other chords. Study of intervals, trails, seventh chords and the inversion of seventh chords. PR, Music 203. Mr. Greco.

312. **Harmony. II.** Two hours.
Continuation of Music 311. Mr. Greco.

313. **History. I.** Three hours.
The course consists of a study of music from early times to the Romantic Period. Recorded examples are used. Open to all students. Mr. Evans.

314. **History. II.** Three hours.
A continuation of 313 covering the Romantic and Modern Periods. Mr. Evans.

341. **Voice. I, II.** One hour.
Earlier studies continued with more advanced songs in English and foreign languages. PR, Music 242. Miss Price, Mr. Evans.

342. **Voice. I, II.** One hour.
Continuation of Music 341. Miss Price, Mr. Evans.

345. **Conducting. I.** Two hours.
This course deals with the rudiments of conducting with emphasis placed on choral work. PR, Ten hours of Music. Mr. Evans.

346. **Conducting. II.** Two hours.
A continuation of the techniques of the baton are studied with emphasis placed on orchestral directing. Score reading and elementary orchestration are studied. PR, Music 345. Mr. Evans.

401. **Form and Analysis. I.** Two hours.
The following topics are studied: structural designs upon which

music is based, and representative works of the great masters of musical composition of the classic. romantic, and modern periods. Mr. Greco.

07. **Piano. I, II.** One hour.
Studies of Czerny Op. 299 and 740. A Bach Suite, Beethoven Sonata, or more modern composer. Two pieces of comparable difficulty to be memorized for performance. Scales—All Major, Harmonic and Melodic scales, in octaves, thirds, sixths, and tenths. Sixteenth notes, four octaves. PR, Music 308. Mr. Evans.

08. **Piano. I, II.** One hour.
Continuation of Music 407. Mr. Evans.

31. **Music Education for Secondary Schools. I.** Two hours.
This course deals with the techniques involved in music subjects and the organization of musical organizations in the Junior and Senior high schools. PR, Music 346. Miss Price.

41. **Voice. I, II.** One hour.
More advanced technique studied, with recitative, lyric and dramatic examples from the operas and oratorios included. There will be more public appearances both in concert and radio. PR, Music 342.
Miss Price, Mr. Evans.

42. **Voice. I, II.** One hour.
A continuation of 441. Miss Price, Mr. Evans.

OFFICE ADMINISTRATION

Miss Hunsinger, Mr. Larkin

00. **Personal-Use Typewriting. I.** One hour.
This is a course for non-majors and cannot be credited toward a major in office administration or toward certification to teach typewriting. Staff.

01. **Beginning Typewriting. I.** Two hours.

02. **Beginning Typewriting. I, II.** Two hours.
Continuation of Office Administration 101.

01. **Beginning Shorthand. I.** Four hours.

02. **Beginning Shorthand. II.** Four hours.
Continuation of Office Administration 201.

11. **Vocational Typewriting. II.** Two hours.
PR, Office Administration 102 or equivalent.

01. **Advanced Shorthand and Transcription. I.** Four hours.
PR, Office Administration 102 and 202 or equivalent.

02. **Advanced Shorthand and Transcription. II.** Four hours.
Continuation of Office Administration 301.

11. **Office Machines and Filing. I, II.** Two hours.
PR, Office Administration 102 or 211.

12. **Advanced Office Machines. I.** One-two hours.
PR, O.A. 311.

51. **Clercial Practice. I.** Three hours.
PR, Office Administration 211 and 311.

401. **Secretarial Practice I.** Three hours.
PR, Office Administration 211 and 301.

402. **Cooperative Office Practice. II.** Three hours.
Part-time work in business offices. PR, Office Administration 401 or consent of instructor.

PHILOSOPHY

Mr. Bennett and Staff

101. **Introduction to Philosophy. I, II.** Three hours
This course surveys the main problems in the field of philosophy and attempts to make relevant to the needs of the student the resources of the philosophic quest for constructive criticism of individual and social patterns of living.

201. **Introduction to Systematic Methods of Study. I.** Three hours
An introduction to the essential requirements of systematic inquiry as these requirements are related to the needs of the student's academic program. The course surveys the problems of scientific methods of study and the function of logic.

202. **The Methods of the Sciences and the Humanities. II.** Two hours
The principal methods of applying scientific principles of inquiry in the social and physical sciences, the humanities, and religion.

210. **Introduction to Ethics. I.** Three hours
A study of the principal bases of individual and social ethics in the living of the ethical life within a complex society.

211. **Social Ethics. II.** Three hours
A critical and constructive ethical study of the dynamics of contemporary society with the variety of cultural movements and the principal ethical questions which demand individual decision.

301. **Philosophic Thought in the West to 1300 A.D. I.** Two hours
A study of the role of philosophy in the culture of the West from the Homeric period to the scholasticism of St. Thomas Aquinas.

302. **Philosophic Thought in the West to 1800 A.D.** Two hours
A continuation of 301.

303. **Movements of Thought Since 1800. I, II.** Two hours
A survey of the main modern philosophers in England and Europe since Kant.

320. **The Morals of Western Civilization. I.** Three hours
An historical survey of the principal ethical systems in the philosophic tradition of the West.

330. **Philosophy of Religion. I.** Three hours
A survey of the main thinkers and the principal problems of contemporary philosophy of religion.

401. **A History of American Philosophy. I, II.** Three hours.
A survey of philosophy in America from the colonial period to the present.

402. **Social and Political Philosophies of the Modern World. I, II.** Two hours.
A critical and constructive study of the various philosophic systems of social reconstruction that have appeared since 1800.

)4. The Philosophy of American Pragmatism. I. Two hours.
A careful and analytic study of the philosophic thought of the American pragmatists including Charles S. Peirce, William James, George Herbert Mead and John Dewey.

.0. Aesthetics. II. Three hours.
A survey of the various theories of artistic expression and the examination of the problems of a philosophy of art.

.1. Recent Philosophies of Education. I. Three hours.
A critical study of contemporary philosophies of education and the major problems of the philosophy of education.

.5. Philosophies of the Non-Western World. I. Two hours.
A survey of the philosophic systems in Mohammedanism, Hinduism, and Confucianism.

20. Seminar: The Philosophy of History. I. Two hours.
The main problems of a philosophy of history and a survey of some of the principal contributors to the field such as Ranke, Droysen, Bernhardt, Dilthey, Toynbee and others.

22. Seminar: The Sociology of Knowledge. II. Two hours.
A study of the sociological basis of intellectual behavior with a survey of some of the principal thinkers in the field.

PHYSICAL EDUCATION

Men's Division—Mr. Colebank, Mr. Wilson, and Staff

Women's Division—Miss Walters, Miss Barry, and Staff

)1. Freshman Orientation. I One hour.
Introduction to physical education activities. (W) Miss Barry.

.1. Freshman Orientation. II. One hour.
Continuation of 101. (W) Miss Barry.

.5. Freshman Orientation. I. One hour.
This course includes touch football, basketball, volleyball, soccer and softball. (M) Mr. Colebank

.6. Freshman Orientation. II. One hour.
This course includes archery, badminton, table tennis, handball, boxing, wrestling, horseshoes, foul shooting. (M) Mr. Colebank.

.7. Skill Techniques. I. One hour.
Techniques of soccer and volleyball. (W) Miss Walters.

18A. Football. I. One hour.
Participation in football. (M) Mr. Wilson.

18B. Basketball. II. One hour.
Participation in basketball. (M) Mr. Wilson.

18C. Baseball. II. One hour.
Participation in baseball. (M) Mr. Wilson.

18E. Track and Field Events. II. One hour.
Participation and field work in track and field events. Mr. Davis.

.9. Skill Techniques. I. One hour.
Techniques of basketball and softball. (W) Miss Walters.

131. **Beginning Swimming. I, II.** One hour.
Open only to those with no swimming experience. Includes rhythmic breathing, floats, change of direction, turning over and elementary strokes. Miss Walters.

214. **Leadership in Graded Games. II.** Two hours.
Graded games and lead-up games for playground and gymnasium. Required for Curricula B and C. Miss Barry.

217. **Skill Techniques. I.** One hour.
Techniques of field hockey. Officiating of soccer and volley ball. (W). Miss Walters.

219. **Skill Techniques. II.** One hour.
Techniques of speedball. Officiating of basketball and softball. (W) Miss Walters.

226. **Techniques of Modern Dance. I, II.** One hour.
Miss Barry.

231. **Intermediate Swimming. I, II.** One hour.
To be determined by ability test. Practice in the nine fundamental strokes. Diving. Miss Walters.

237. **Fundamentals of Tennis. I, II.** One hour.
Practice in forehand, backhand, service and participation.
Miss Walters.

310. **Human Anatomy and Physiology. I.** Three hours.
A study of the anatomical structures and physiological functions of human beings. PR, Biol. 101, 102. Mr. Hunt.

311. **Kinesiology. II.** Three hours.
Principles of body mechanics, muscle action and skills. PR, 310.
Mr. Hunt.

315. **The Intramural Program. I, II.** Two hours.
A study of the intramural program in school activities with practice in directing such a program. Miss Walters.

317. **Stunts and Tumbling. I, II.** One hour.
Individual, dual and group stunts and pyramids. Miss Walters.

320. **Coaching and Officiating Football. I.** Three hours.
Mr. Colebank.

321. **Coaching and Officiating Basketball and Baseball. II.** Three hours.
Mr. Colebank.

322. **Coaching Track and Field Events. II.** Two hours.
Mr. Davis.

325. **Folk Dancing. I, II.** One hour.
Folk dances of various nations. Miss Barry.

326. **Modern Dance. II.** One hour.
Advanced technique and composition. Miss Barry.

331. **Swimming Techniques and Life Saving. II.** Two hours.
PR. 231 or permission of the instructor. Miss Walters.

337. **Advanced Tennis. II.** One hour.
Advanced strokes and participation in tournament play. Mr. Lindley.

351. **History and Principles of Physical Education. II.** Two hours
A study of the development of physical education and the principles upon which it is based. Miss Walters.

361. **Methods in Physical Education. I.** Two hours.
Theory and observation of the teaching of physical education.
Miss Barry.

425. **Children's Rhythms. II.** One hour.
Miss Barry.

426. **Survey of the Dance. II.** Two hours.
Methods, materials and practice. Miss Barry.

431. **Competitive Swimming. I.** One hour.
Practice in starts, turns, speed strokes, and the coaching and officiating of swimming for meets. Miss Walters.

461. **Organization and Administration of Physical Education. II.** Two hours.
Administrative policies and activities of physical education.
Mr. Wilson.

PHYSICAL SCIENCE

Mr. Haught

201. **General Physical Science. I.** Three hours.
Elements of mechanics, heat, sound, light and electricity. A survey course.

202. **General Physical Science. II** Three hours.
Elements of Chemistry, Geology and Astronomy. A survey course.

315. **Physical Science. I.** Three hours.
An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and understanding of man's physical environment. The course is non-technical.

316. **Physical Science. II.** Three hours.
Continuation of 314.

PHYSICS

Mr. Carroll, Mrs. Ford

101. **General Physics. I.** Four hours.
This course is designed to satisfy the Physics requirement for pre-medical, pre-dental, and other professional courses. It covers the elementary principles of mechanics of solids, liquids and gases, and the study of heat. A two hour laboratory period each week is required. Majors, minors, and engineers should schedule Phy. 210.

103. **General Physics. II.** Four hours.
A continuation of 101. This course includes a study of magnetism and electricity, sound and light. A two hour laboratory period each week is required. Majors, minors, and engineers should schedule Physics 211.

210. **Engineering Physics. I.** Five hours.
This course is offered for engineers and for Physics majors and minors.

211. **Engineering Physics. II.** Five hours.
A continuation of 210, offered for engineers and for Physics majors and minors.

310. **Electricity and Electronics.** Four hours.
This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the

vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

311. **Electricity and Electronics. II.** Four hours.
A continuation of 310 with additional work in vacuum tube and electronic circuit theory.

320. **Mechanics. I.** Three hours
A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the formation of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner. PR, 101, 103, or 210, 211.

321. **Mechanics. II.** Three hours.
A continuation of 320 with the same prerequisites.

420. **Atomic Physics. I.** Three hours.
This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnatic radiation, and the theory of atomic structure. PR, Physics 101, 103 of 210, 211; 310, 311; Math. 321, 331.

421. **Atomic Physics. II.** Three hours.
A continuation of 420 with the same prerequisites.

POLITICAL SCIENCE

Mr. Lawrence, Mr. Pence and Staff

101. **Fundamentals of Political Science. I, II.** Three hours.
An introduction to the theory of political science, upon which the practice of modern government is based. Staff.

203. **Comparative Government. I, II.** Three hours.
A survey designed to give a broad general acquaintance with the political institutions and governmental practices of other nations. Mr. Lawrence.

206. **American State and Local Government. I.** Two hours.
Investigation of the functions of government as performed on the state and county level. Mr. Pence.

207. **American Municipal Government. II.** Two hours.
Investigation of the functions of government as performed in urban areas. PR, Pol. Sci. 206 or 302. Mr. Pence.

301. **Special Studies in Political Science.** Credit to be arranged. Entrance by consent of the department. Mr. Lawrence.

302. **American Government.** Three hours.
A survey of American government devoted to the constitutional basis and functions of the Federal System. Mr. Lawrence.

303. **Political Parties and Public Opinion. I.** Three hours.
A study of the origins, growth, and development of the American political party, with emphasis on its relation to public opinion. PR. Pol. Sci. 302. Mr. Lawrence.

305. **American Diplomacy. I.** Three hours.
Problems of organization and policy in the formulation and execution of American foreign policies. PR, Pol. Sci. 302. Mr. Pence.

07. **History of Political Thought. II.** Three hours.
A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concepts. PR. Pol. Sci. 101 or consent. Mr. Lawrence.

09. **The Growth and Development of Law. I.** Two hours.
A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

10. **English Constitutional Law. II.** Two hours.
The development of the Common Law and the English Constitution. PR, History 307, 308, or consent of the department. Mr. Lawrence.

03. **Documented Report.** Two hours.
Required of all Political Science majors in the first semester of their senior year. A well written and well documented paper of about 7,000 words reporting on a subject chosen by the student with the consent of the department. On the recommendation of the department this requirement may be met by substituting Hist. 462. Staff.

06. **International Problems. II.** Three hours.
The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR, Pol. Sci. 302, or consent. Mr. Pence.

07. **The Legislative Process. I.** Two hours.
Sources of information, methods of law-making, pressures employed and results achieved by legislatives bodies. PR, Pol. Sci. 206, 302, and 303. (Political Science 303 and 407 may be taken at the same time.) Staff.

08. **The Judiciary. II.** Two hours.
The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR, Pol. Sci. 206, 302. Mr. Lawrence.

09. **The Administrative Process. II.** Two hours.
The organization, selection, classification, financing, conduct and control of public administration. PR, Pol. Sci. 206, 302. Mr. Pence.

PSYCHOLOGY

Mr. Rogers and Staff

04N. **Psychology for Nurses. II.** Two hours.

03. **General Psychology.* I, II.** Three hours.
A study of psychological methods, development, motivation, emotion, learning, memory, and thinking.

04. **General Psychology.* I, II.** Three hours.
A study of sensation, perception, attention, intelligence, aptitude, and personality.

05. **Applied Psychology. II.** Three hours.
The applications of psychological methods and principles in training, business, industry, medicine, and law.

04. **Child Psychology. II.** Three hours.
A study of human behavioral development through infancy to puberty, including a consideration of the formation of habits, attitudes, and interests.

35. **Psychology of Personality. I.** Three hours.
The psychological development and adjustment of the individual, his habits, traits, and attitudes, in response to organic and social influences.

336. **Abnormal Psychology. II.** Three hours
The causes, prevention and treatment of sensory, affective and in tellectual disorders; a consideration of their importance for the inter pretation of normal behavior.

401. **Tests and Measurements. I.** Three hours
Theory and practice in the construction, administration, and inter pretation of tests and mental and motor performance, intelligence, apti tude, and personality.

402. **Advanced Psychology Seminar. II.** Three hours
Readings and discussions of current theoretical and experimenta writings on methods of investigating and interpreting behavior and ex perience.

403. **Social Psychology. I.** Two hours
The formation, interaction and influence of groups; the develop ment of social norms and their effects upon individual behavior.

430. **Methods of Research. I, II.** Three hours
Readings and conferences surveying the experimental and statistica techniques applicable to representative problems in psychology.

*Psy. 203 and 204 are the two halves of an elementary survey of the field o general psychology. Either course may be taken singly; neither is a prerequisit to the other, but students seeking admission to advanced courses in Psycholog must have taken either 203 or 204.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities. I.** One hour
Includes fundamental rhythms, social mixers and social dancing.
Miss Barry

136. **Co-recreational Activities. II.** One hour
Participation in recreational games and party activities.
Miss Barry

241. **Introduction to Recreation. I.** Two hours
A general survey of recreation systems, trends, policies, problems and procedures for students interested in the field of recreation.
Mr. Davis

324. **Archery and Badminton. I, II.** One hour
Care and selection of equipment. Participation. Miss Barry

325. **Square Dancing. I, II.** One hour
American squares, quadrilles and longways dances. Miss Walters

336. **Co-recreational Activities. I.** Two hours
Experience in organizing and supervising co-recreational activities Open to Physical Education and Recreation majors and minors.
Miss Barry

339. **Bowling. I, II.** One hour
Participation. Miss Walters

341. **Workshop and Recreation Institutes.** Two hours
Expert demonstrations, lectures by outside authorities and grou activities. Mr. Davis

344. **Recreational Leadership.** Three hours
Organizing and directing group recreational activities. Mr. Wilson

45. **Practice Leadership. Summer.** Two hours.
Carefully planned observation trips to recreation centers and playgrounds with opportunities for play direction. Mr. Davis.

46. **Philosophy of Recreation. I.** Two hours.
Nature and functions of recreation with theory and problems designed to familiarize students with the field. Mr. Davis.

47. **Leisure in the Modern World. II.** Two hours.
The history, significance and functions of leisure and play. Mr. Davis.

42. **Camping and Youth Organization. I, II.** Two hours.
A study of the camping movement, outdoor recreation, and organizations serving youth groups. Mr. Davis.

43. **Community and Industrial Recreation. I, II.** Three hours.
Organization and supervision of recreation for community and industrial groups . Mr. Davis.

45. **Organization and Administration of Recreation and Playgrounds. II.** Three hours.
A study concerning the organization and administration of playgrounds together with the problems which arise in connection with their operation. Mr. Davis.

RELIGION

Mr. Bennett

20. **Christianity in the History of Western Civilization. I.** Three hours.
A historical survey of the development of the Christian Church and its place and tradition within the history of western culture from the first to the end of the fifteenth century.

21. **Christianity in the History of Western Civilization. II.** Three hours.
A continuation of 220 covering the course of Christian development from the Reformation to the close of the nineteenth century.

22. **The History of American Christianity. II.** Three hours.
A study of the course of Christian development in American history from the Puritan to the contemporary period.

30. **Old Testament. I.** Three hours.
A survey of the historical development of the Jewish religion to the time of Christ.

31. **New Testament. II.** Three hours.
A survey of the history of the Christian Church to the close of the second century.

05. **The History of Christian Thought. I.** Two hours.
A study of the principal Christian thinkers in the history of Christianity.

07. **Living Non-Christian Religions. II.** Two hours.
A survey of the principal non-western religions, Islam, Hinduism, Buddhism, Confucianism, and others with their systems of thought and their cultural roles.

31. **Psychology of Religion. I.** Three hours.
A psychological study of the development of the religious personality and types of religious experience.

405. **Primitive Religions. I.** Two hours.
An anthropological and sociological study of the religious life of primitive peoples.

415. **Seminar: The Sociology of Religion. I.** Two hours.
A course in the methods and problems of the sociology of religion with a survey of some of the principal thinkers in the field.

425. **Seminar: The History of Religions. II.** Two hours.
A critical and comparative study of one or more of the major historical religions of the world and an introduction to the problems of the field.

RETAILING

(Distributive Education)

Miss Hitchcock, Mr. Zeimes and Staff

105. **Principles of Retailing. I.** Three hours.
A study of the growth and specialization of retail outlets. Modern scientific principles for establishing retail businesses and organizing them into profit making units. Advertising and display, selling, customer services, and personnel management are explained. Opportunities in retailing are pointed out. Mr. Zeimes.

106. **Principles of Retailing. II.** Three hours.
Continuation of 105. Mr. Zeimes.

205. **Salesmanship. I. II.** Three hours.
Thorough preparation for selling in the wholesale, specialty, or retail field. Analysis of buying motives, study of the product, psychology of handling customers, the personality of the salesman as it affects his success, factors in arousing interest, desire, and action will be demonstrated. Miss Hitchcock, Mr. Zeimes.

210. **Merchandise Information: Textiles. I.** Three hours.
Same as Home Economics 210. Retailing majors will stress the selling points of end products made from textiles, including eye-appeal, care, and the judging of values. Miss Compton.

211. **Merchandise Information: Non-Textiles. II.** Three hours.
Study of the basic materials from which non-textile products are made. These include: leather, furs, metals, cosmetics, wood, glass, rubber, and plastics. Manufacturing processes, methods of judging quality, and care of the consumer product are emphasized.
Miss Hitchcock, Mr. Zeimes.

212. **Merchandise Information: Foods. I.** Three hours.
A study of meats, dairy products, fresh, fresh-frozen, canned goods, and packaged groceries. Meal planning, food values, and approved food handling methods are treated from the standpoint of the grocer and the restaurant owner. Mr. Zeimes.

305. **Store Organization and Operation. I.** Three hours.
Development, present procedures and trends in store organization and operation constitute the basic pattern of this course. The modern well-organized store is charted, and the activities of each division are described. Receiving, marking, delivery, budgeting and control of expenses, adjustments to customers, and personnel procedures are emphasized. Planned observations in stores supplement the course.
Miss Hitchcock.

306. **Merchandising. I.** Three hours.
Methods used in buying and selling merchandise to make a profit are treated from the standpoint of the buyer or small merchant. Func-

tional and descriptive phases of buying, such as analysis of demand, seasonal planning, turnover, and open-to-buy, choice of resources, merchandise selection, and the operating statement are emphasized. PR, Math 205. Miss Hitchcock.

7. **Merchandise. II.** Three hours.
Continuation of 306. Mathematical and control phases of scientific merchandising which must be understood and interpreted by the department buyer, merchandise manager, and merchant, are stressed. Calculations involved in the figuring of mark up, the retail method of inventory, and the operating statement are thoroughly covered. Students make complete plans for operating a store of their own. Miss Hitchcock.

1. **Display. II.** Three hours.
Principles and methods of promoting sales through the scientific selection and display of merchandise. A study of color, composition, lighting, fixtures, and backgrounds as used in display will be combined with practical lecture room demonstrations. Emphasis will be placed on judging the effectiveness of displays. Students are encouraged to take Art 291, and Journalism 320 in conjunction with this course.
Miss Hitchcock.

4. **Fashion Fundamentals. II.** Two hours.
The elements that contribute to fashion, its origin, development, and acceptance are analyzed. Students watch a chosen fashion for a season by means of trade magazines, and predict future. An invaluable aid in buying. Miss Hitchcock.

0. **Interior Decoration. I.** Two hours.
Application of the principles of color and design in interior decoration. Explanation of materials, fabrics, and furniture used to achieve various effects. Floor, wall, and window treatments are practiced. A brief study of well known periods in decoration. Not open to students who have earned credit in Home Ec. 320. Mr. Zeimes, Miss Compton.

0. **Experience in Merchandising. I.** One-three hours.
Prospective teachers of distributive education will be granted one credit hour for each 100 clock hours of supervised store experience up to a maximum of 6 hours. Students working on this basis will meet once a week in a seminar. A student may take 350 and/or 351 only once, regardless of the credit granted. Open to Distributive Education and Retailing majors only. PR, 105, 106, 205. Mr. Zeimes, Miss Hitchcock.

1. **Experience in Merchandising. II.** One-three hours.
Continuation of 350 with the same prerequisites.
Mr. Zeimes, Miss Hitchcock.

1. **Organization and Administration of Distributive Education. II.** Two hours.
A basic course in the purpose, objectives, and philosophy of distributive education, with special emphasis on the West Virginia state plan. Methods used in initiating, organizing, and promoting classes engaged in distributive occupations will be stressed. Mr. Zeimes.

2. **Coordination and Supervision in Distributive Education. II.** Two hours.
Methods for working with store managers for the purpose of placing students on jobs, giving them well-rounded experience, and evaluating their work are treated in this course. Attention is given to supervision of students at work by the teacher coordinator, and to the conduct of personal interviews to help students become adjusted to actual business requirements. Miss Hitchcock.

3. **Development of Instructional Materials. II.** Two hours.
Gathering and organizing instructional materials for use in distribu-

tive education classes will constitute the main part of this course. T particular problems of making the instruction supplemental to the da needs of the student worker will be emphasized. Actual construction o complete curriculum and teaching outlines will be included in the cour

Miss Hitchco

405. **Personnel Management. II.** Three hou

A study of the human factor in relation to the processes of mode retailing. Employment procedures, job analysis, training and maintenan of personnel, as well as the development of an executive force capal of giving promotional training within the store, will be stressed.

Mr. Zeim

SOCIAL SCIENCE

Mr. Chapline and Staff

101. **The Development of Social Institutions. I.** Three hou

An interpretation of European and American history in terms institutional development.

102. **The Development of Social Institutions. II.** Three hou

A continuation of 101.

201. **Fundamental Social Problems. I.** Three hou

A survey of outstanding social, economic, and political institutio and problems of the contemporary world.

202. **Fundamental Social Problems. II.** Three hou

A continuation of 201.

462. **Introduction to Social Science Research and Bibliography.** Three hou

It is the purpose of this course to give the student some training the science of research and bibliography. The subject matter may chosen from any one of the several social science areas. A requir course for students preparing to teach in the Social Science field.

SOCIOLOGY

Mr. Barnitz and Staff

120. **Introductory Sociology. I, II.** Three hou

This is a foundation course and is designed to acquaint stude with the structure of society, the concept of culture, and the application sociological principles.

120N. **Sociology for Nurses. II.** Two hou

Open only to nursing students.

121. **Introductory Sociology. I, II.** Three hou

Continuation of 120.

205. **Introduction to Social Work. I, II.** Three hou

A study of the history and development of social work with spec emphasis placed on the role of the social worker in modern socie Family welfare, child welfare and guidance, delinquency, court wo medical work, group work and community social work will be discuss from the view of the prospective social worker. Mr. Chaplin

240. **The Family. I.** Three hou

A study of the background of the American family; courtship a marriage; problems of parenthood; family disorganization; effects social change on the family; and the future of the family as an institutio

1. **Anthropology. I, II.** Three hours.
A study of human and social origins including: the beginnings of human society; the origin, nature and diffusion of culture; the development of races and languages; a comparison of some of the principal cultures of the world.

0. **General Sociology. I, II.** Three hours.
Social organization and the influence of natural and demographic factors upon it; stability of culture and culture change; personality and culture.

1. **General Sociology. II.** Three hours.
Continuation of Soc. 310.

0. **Rural Sociology. I.** Three hours.
An intensive study of the distinctive characteristics and problems of rural society; significant rural trends in the state and nation, and their probable influence upon rural planning and opportunity. PR, Soc. 120, 121, or Soc. Sci. 201, 202.

0. **Urban Sociology. II.** Three hours
A study of the location of villages, towns, and cities; characteristics of urban population growth; social pathology of urban life; and city planning. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

0. **Juvenile Delinquency. I.** Three hours.
The extent of juvenile delinquency; nature of delinquent behavior and its causes; organization and operation of juvenile courts; probation and parole systems; methods of rehabilitation; and preventive measures. PR, Soc. 120, 121, or Soc. Sci. 201, 202.

0. **Criminology. II.** Three hours.
The extent and social significance of crime; criminal behavior; courts and law enforcement; history and theory of punishment;; prison programs; recidivism and preventive programs. PR, Soc. 120, 121 or Soc. Sci. 202.

0. **Population Problems. I.** Three hours.
Social implications of changing state, national, and international birth and death rates; causes of growth and decline of population; relationship of population to natural resources; immigration and its influence on cultures and standards of living. PR, Soc. 120, 121, or Soc. Sci. 201, 202.

0. **Minority Groups. II.** Three hours.
Survey of the backgrounds and characteristics of the leading minority groups in the United States; contributions of each group; national and international problems associated with minority groups. PR, Soc. 120, 121, or Soc. Sci. 201, 202.

0. **Methods of Research. I, II.** Three hours.
The standard methods of gathering and interpreting sociological data; questionnaires, surveying, interviewing; statistical methods; the life history method. Required of majors in Sociology. PR, Soc. 120, 121 or Soc. Sci. 201, 202; and one of Soc. 320, 330, 340, 350, 440, 450.

0. **Special Problems in Sociology. I.** Hours, Arr.
Open to juniors and seniors majoring in Sociology. Reading and research on subjects suited to student needs.

1. **Special Problems in Sociology. II.** Hours, Arr.
Continuation of Soc. 490.

SPANISH

Miss Terry

101. **Elementary Spanish. I.** Three hour
Grammar, pronunciation, composition, conversation, translation. N credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish. II.** Three hour
PR, Spanish 101 or one year of high school Spanish.

201. **Modern Spanish. I.** Three hour
Rapid reading and conversation. PR, Spanish 101 and 102 or tw years of high school Spanish.

202. **Modern Spanish. II.** Three hour
PR, Spanish 201.

221. **Intermediate Composition and Conversation. I.** Two hour

222. **Intermediate Composition and Conversation. II.** Two hour

301. **Nineteenth Century Literature to 1870. I.** Three hour
Lectures, selected readings and reports. Conducted in Spanish.

302. **Nineteenth Century Literature. II.** Three hour
Spanish literature from 1870. Conducted in Spanish.

327. **Advanced Conversation and Composition. I.** Three hour

340. **Spanish American Literature. I.** Three hour
Study of Spanish American history and culture through its literatur Conducted entirely in Spanish.

421. **Literature of the Golden Age. I.** Three hour
Cervantes and Lope de Vega. Conducted in Spanish.

422. **The Drama Immediately Following the Golden Age. II.** Three hour
Caldron de la Barca, Tirso de Molina and Alarcon.

SPEECH AND DRAMATICS

Mr. Wallman, Mr. Opp, Mr. Turley, Mr. West and Staff

101. **Fundamentals of Speech. I, II.** Two hour
This course includes the elementary phases of oral language trainin Reading aloud, short speeches, enunciation, pronunciation, parliamentar procedure. Required of Speech Majors. Staf

105. **Voice and Diction. I, II.** Two hour
This course includes study of drills for developing proper breat support for producing a strong, flexible, resonant voice, with exercise aimed to acquire facility in using a pleasing standard speech; stressir coordination of mind and voice. Articulation and enunciation. Require for Speech Majors. Mr. Turle

151. **Play Production. I, II.** Two hour
Play production methods for the educational theatre. Stage manag ment, scenery, and staging of plays. Mr. Wallma

152. **Theatre Workshop. I, II.** One hou
Actual laboratory work on the various collegiate dramatic present tions. Scenery design and construction, lighting, properties, costumin etc. PR, Speech 151. Mr. Wallma

52L. **Theatre Workshop. II.** One hour.
Continuation of Speech 152. Mr. Wallman.

34. **Fundamentals of Radio Speech. I.** Two hours.
A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. PR, 105 or permission of the instructor. Mr. Turley.

43. **Debate. I.** Two hours.
Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-colegiate debate. Required of Speech Majors. Mr. Opp.

44. **Intercollegiate Debating. II.** Variable credit.
Staff.

45. **Oratory. I, II.** Variable Credit.
A study of the structure, aims and principles of writing orations and the delivery of them. Mr. Opp.

51. **Acting. I, II.** Two hours.
Acting in numerous one-act plays. Mr. Wallman.

61. **Make-up. I.** One hour.
A course in the fundamentals of applying stage make-up. including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. Wallman.

61L. **Advanced Make-up. II.** One hour.
Laboratory and practical experience. PR, Speech 301. Mr. Turley.

63. **Interpretation of Shakespeare. I.** Two hours.
A study of representative Shakespearean plays. Mr. Fryxell.

68. **Modern Drama. II.** Three hours.
The history of the British drama and the study of modern dramas—British, Continental and American. Miss Tate.

70. **Scenic Construction. I, II.** Two hours.
A laboratory course in the designing and construction of stage scenery and lighting. Staff.

80. **Radio Programming.** Two hours.
A comprehensive lecture-laboratory course covering basic techniques of radio speech, announcing, writing, and program production. Designed primarily as a summer session workshop course. PR, 4 hours Speech; 6 hours Composition, or senior ranking. Mr. Turley.

81. **Children's Theatre. II.** Two hours.
A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B. Mr. Wallman.

84. **Radio Production. II.** Two hours.
Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music cues, sound effects, and directing. PR, 234. Mr. Turley.

84L. **Radio Production. I, II.** One hour.
Continuation of 334 with extensive studio practice. Mr. Turley.

86. **Play Directing. I, II.** Two hours.
Selection of plays, suitable to high school presentation, interpretation and directing problems. Required of Speech Majors. Mr. Wallman.

336L. **Play Directing.** (Laboratory.) I. One hou
Direction and presentation of a one act play. Required of Spee
Majors. PR, Speech 336. Mr. Wallma

337. **Effective Speaking. I, II.** Two hou
This course is designed to give students training in the art of pr
paring and delivering public speeches. Required of Speech Majors.
Mr. Wallma

400. **Radio Continuity Writing. I.** Two hou
The study and practice of all forms of non-dramatic radio writin
including music program continuity, talks, programs, audience particip
tion programs, sports features, and commercial continuity. The course
intended to develop effective communication by means of expositor
narrative, and persuasive writing for radio presentation. PR, Eng. 1(
107, 302 or 304; Speech 234 or 330. Mr. Turle

401. **Extemporaneous Speaking. II.** One hou
This course is designed to give students training for intercollegia
competition in this field. Mr. We

421. **Poetry Interpretation. II.** Three hou
Oral interpretation of poetry with some practice in choric speech.
Mr. Rhod

430. **Speech Correction. I.** Two hou
Study and recognition of speech defects. Exercises for correcti
and treatment of minor defects. Required of Speech Majors. Mr. Turle

ZOOLOGY

Mr. Hunt, Mr. Davisson and Staff

103. **General Zoology. II.** Four hou

110N. **Intro. to Human Anatomy and Physiology. I.** Four hou
Open to nurses only. Mr. Hu

315. **Field Zoology. I.** Two-four hou
Mr. Davisso

320. **Invertebrate Zoology. I.** Four hou
Mr. Hu

321. **Vertebrate Zoology. II.** Four hou
Mr. Hu

322. **Ornithology. II.** Two hou
Study of birds. Mr. Davisso

330. **Conservation of Wildlife Resources.** Two hou
Mr. Hu

350. **Comparative Anatomy of Vertebrates. II.** Four hou
Mr. Hu

410. **Histological Technique. II.** Two-three hou
Preparation of animal tissues for microscopic study. Mr. Hu

411. **Histology. II.** Two-three hou
Study of animal tissues. Mr. Hu

415. **Problems in Zoology.** Summer. Two-three hou
Mr. Hu

450. **Human Physiology.** Four hou
Mr. Hu

SPECIAL SERVICES

HE SUMMER SESSION

The regular summer session of Fairmont State College will be held from ne 5 to August 25, 1950. The session will be made up of two terms of six eeks each. The first term will open on June 5 and close on July 14; the second rm will begin on July 17 and close on August 25. Independence Day will be served as a holiday.

The requirement for admission and the character of the work offered are e same for the summer session as for the regular year. Credit may be earned all departments toward the bachelor's degree or toward any of the special rtificates authorized by the State of West Virginia. Courses are varied from mmer to summer so that students may find suitable work with which they n build up their earned credit toward a degree or certification. For informa- on relative to summer session fees see page 20 above.

The Fairmont State College Laboratory School will be in operation during e first six weeks for elementary school observation and practice teaching, d during twelve weeks for secondary school activities of a similar character.

All activities and facilities of the campus are available to students during e summer session. The student body is organized under its own leadership the beginning of each session. Under these leaders, and certain members the faculty, a general program of social, recreational, and dramatic events scheduled.

Fairmont State College always sponsors a number of special features in nnection with each summer session. Announcements of such features will made from time to time by means of press releases, radio announcements d special information sheets.

The special bulletin for the summer session is now printed and available r distribution. If interested in working toward any particular teaching rtificate or degree, or in renewal of certificates, or in pre-professional courses, in refresher course, write for the Summer Bulletin. Address, Registrar, irmont State College, Fairmont, W. Va.

VENING CLASSES

Evening classes are operated for the benefit of teachers and other persons ose employment makes impossible attendance in regular day classes. Classes e ordinarily held on Wednesday evening during the hours from 6:00 to 9:30 though classes may be held at such other times as the group involved and the structor may agree upon. These classes are considered as work done in sidence.

Classes will usually be offered in any subject or subjects in which there sufficient demand as indicated by the registration of six or more students, though the Administration reserves the right not to provide such instruction nen it may be impossible to make adequate teaching staff arrangements.

In accordance with regulations of the State Board of Education, teachers der contract are limited to a total of eight semester hours of credit during e period of employment each year with a maximum of four credit hours per mester. Such a total hour limit makes possible enrollment in two two-hour asses, and in one three-hour class with a fourth possible hour to be obtained enrolling in one of several tutorial courses offered by the college.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provide: (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 1.5, or better. The enforcement of these regulations is in the hands of the several student advisers. The following courses are offered as tutorial courses at this time:

Biology 420
Economics 406
Education 431, 460
History 460
Political Science 301
Sociology 490, 491

EXTENSION CLASSES

Upon request, and when it is possible to detach regular faculty members for this service, Fairmont State College will offer off the campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any such courses can be offered in this way.

The work given in extension courses corresponds, as to class requirements with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 30 hours of such credit may be included in any student's 128 hour requirement for graduation.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance includes:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veterans' relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of those veterans who have not completed high school.

3. Facilities for giving the "General Educational Development Tests" as a means for obtaining advanced standing.

4. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

5. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

6. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices of special technical schools, or in the Army Specialized and the Navy College Training Programs.

NURSING EDUCATION

Fairmont State College, in cooperation with the Fairmont General Hospital offers a full and complete training course for nurses. Students enroll in the

Fairmont General Hospital School of Nursing, but do 17 semester hours of basic courses in Fairmont State College.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

The courses for nurses offered by Fairmont State College under this co-operative program, in the first semester, are as follows: Chemistry (3); Anatomy and Physiology (4); Microbiology (3); Nutrition (3); Sociology (2); Psychology (2).

GRADUATES

August, 1948; January, 1949; May, 1949

BACHELOR OF ARTS DEGREE

Name	Address	County
Armstrong, Romaine Logan	623 Maryland Ave., Fairmont, W. Va.	Marion
Blair, Jean	45 Peacock Lane, Fairmont, W. Va.	Marion
Cousins, Barbara Rex	1116 Bryant St., Fairmont, W. Va.	Marion
Dixon, Elinor Kathryn	702 Oliver St., Fairmont, W. Va.	Marion
Garlow, Eugene Moran	Rt. 4, Box 233, Fairmont, W. Va.	Marion
Haymond, Janis Carol	17 Marshall St., Mannington, W. Va.	Marion
Haywood, Earl D.	Watson, W. Va.	Marion
Kubiet, Leo L.	Rt. 1, Fairmont, W. Va.	Marion
Miller, Frances Louise	Morris Park Rd., Fairmont, W. Va.	Marion
Richards, Evelyn Yvonne	Rt. 5, Fairmont, W. Va.	Marion
Sebold, Rosemary	821 Vermont Ave., Fairmont, W. Va.	Marion
Shaffer, James Forrest	913 Sylvan Ave., Fairmont, W. Va.	Marion
Snodgrass, Edwin Brent	74 Peacock Lane, Fairmont, W. Va.	Marion
Solomon, John Charles	327 Pa. Ave., Morgantown, W. Va.	Monongalia
Stuck, Jack E.	Watson, W. Va.	Marion

BACHELOR OF ARTS IN EDUCATION DEGREE

Anderson, Roy W.	25 Pyles Ave., Mannington, W. Va.	Marion
Areford, Mildred S.	23 Morrison Ave., Morgantown, W. Va.	Monongalia
Argabrite, William Dale	Knob Fork, W. Va.	Wetzel
Atha, Mildred Belch	1 Howard St., Mannington, W. Va.	Marion
Babb, Kenneth R.	519 Harrison St., Newell, W. Va.	Hancock
Balderson, William Maryl	23 Pyles St., Mannington, W. Va.	Marion
Barnette, Frederick L.	Camden-on-Gauley, W. Va.	Webster
Baughman, Charlotte Jane	Rt. 2, Box 71, Philippi, W. Va.	Barbour
Baughman, Lois Yedlosky	136 Ohio Ave., Morgantown, W. Va.	Monongalia
Bartlett, Paul Carl	Rt. 4, Grafton, W. Va.	Taylor
Bennear, Anna Jean	Box 362, Thomas, W. Va.	Tucker
Bolyard. Paul D.	190 Main St., Kingwood, W. Va.	Preston
Boylan, Frances Fawley	201 E. Washington St., Grafton, W. Va.	Taylor
Bragg, Norman C.	247 Ross St., Grafton, W. Va.	Taylor
Bradley, Ada	11 Graham St., Elkins, W. Va.	Randolph
Brissey, Leona	629 Stealey Ave., Clarksburg, W. Va.	Harrison
Brookover, Clyde	Box 52, Fairview, W. Va.	Marion
Brown, Norma Anne	338 Lee Ave., Clarksburg, W. Va.	Harrison
Buck, Burdette Harvey	1220 Boyle St., Pitsburgh, Pa.	Allegheny
Bucklew, Allen Dale	Arthurdale, W. Va.	Preston
Bunner, James A.	Sandyville, W. Va.	Jackson
Burnett, Alice Oleta	1035 Mgtn. Ave., Fairmont, W. Va.	Marion
Clem, James N.	613 Delaware Ave., Fairmont, W. Va.	Marion
Clovis, Eva Phipps	Blacksville, W. Va.	Monongalia
Conley, Betty Joan	1107 Chamberlain Ave., Fmt., W. Va.	Marion
Corder, Jo Claire Hardin	Kasson, W. Va.	Barbour
Cordray, Mary Fetty	Mt. Morris, Pa.	Greene
Crone, Elmer W. Jr.	Box 38, Fairview, W. Va.	Marion
Crowe, Helen Janes	6 Hillside Drive, Fairmont, W. Va.	Marion
Day, Evelyn Alice	Petersburg, W. Va.	Grant

Name	Address	County
Defenbaugh, Paul T. Jr.	859 Maple Ave., Grafton, W. Va.	Taylor
Deveny, Launa Mason	450 Linden St., Morgantown, W. Va.	Monongalia
Dunham, Grace Potter	315 Market St., Fairmont, W. Va.	Marion
Dunigan, Mary E.	Leahy Apt., Mannington, W. Va.	Marion
Everson, Lloyd	Rt 3, Belington, W. Va.	Barbour
Fantasia, Nicola	Box 64 Kingmont, W. Va.	Marion
Fauber, Margaret	213 Marion St., Fairmont, W. Va.	Marion
Fauley, Arthur B.	508 Second St., Fairmont, W. Va.	Marion
Feltz, James C.	603 Mt. Vernon, Fairmont, W. Va.	Marion
Forte, Josephine L.	214 Robinson St., Fairmont, W. Va.	Marion
Fraley, Gypsy Louise	Barrackville, W. Va.	Marion
Francis, Beryl	Rowlesburg, W. Va.	Preston
Gamble, Glenn Elmer	359 Lincoln St., Fairmont, W. Va.	Marion
Garret, Wilbert Austin	Wileyville, W. Va.	Wetzel
Glenn, Virginia Adelaide	Box 592, Gordon St., Bridgeport, W. Va.	Harrison
Giffin, Vernon O.	Limestone Rd., Keyser, W. Va.	Mineral
Gump, Clarence Jackson	Rt. 5, Box 52, Fairmont, W. Va.	Marion
Hall, Henrietta Louise	McCarty Apt., No. 2, Clarksburg, W. Va.	Harrison
Hamilton, Donald Glenn	507 First St., Apt. 4, Fairmont, W. Va.	Marion
Harpold, Harry H.	Box 35, Metz, W. Va.	Marion
Hartman, Ethel Riggleman	808 Fourth St. ,Fairmont, W. Va.	Marion
Harvey, Lora Fowler	Box 148, Gormania, W. Va.	Grant
Haugh, Jack Albert	604 Benoni Ave., Fairmont, W. Va.	Marion
Haught, Chester B.	Rt. 4, Mannington, W. Va.	Marion
Hayes, Helen Lorene	Rt. 2, Clarksburg, W. Va.	Harrison
Hayhurst, Nell Seckman	422 Barkwell St., St. Mary's, W. Va.	Pleasants
Henderson, Christie	427 Maryland Ave., Fairmont, W. Va.	Marion
Herndon, Christine R.	901 Marion Ave., Fairmont, W. Va.	Marion
Hess, George	Rt. 1, Shinnston, W. Va.	Harrison
Horoszko, Peter	Box 334, Newell, W. Va.	Hancock
Huffman, John E.	Christy St., Fairmont, W. Va.	Marion
Herndon, Margaret L.	Rt. 1, Fairmont, W. Va.	Marion
Iden, Nellie K.	Davis, W. Va.	Tucker
Jacobs, Irvin Raymond	1857 Mgtn. Ave., Fairmont, W. Va.	Marion
Jones, Charles Albert	Aleppo, Pa.	Green
Johnston, Robert Edward	Smithfield, W. Va.	Wetzel
Jordan, Edith G.	Box 268, Sutton, W. Va.	Braxton
Judy, Eleanor Margaret	Box 402, Romney, W. Va.	Hampshire
Julian, Louie	Kingmont, W. Va.	Marion
Keener, Walter	Rt. 1, Burton, W. Va.	Wetzel
Keister, Carol Jo	622 Benoni Ave., Fairmont, W. Va.	Marion
Kimble, Hugh Alton	Shallmar, Maryland	Garrett
Kirkpatrick, Geraldine	301 High St., Shinnston, W. Va.	Harrison
Knapp, Betty Lou	911 Field St., Fairmont, W. Va.	Marion
Koske, Edward	911 Short Ave., Fairmont, W. Va.	Marion
Lantz, John E.	103 Camden Ave., Monongah, W. Va.	Marion
Little, Charles L.	Rt. 1, Shinnston, W. Va.	Harrison
Loretta, Anthony	Shinnston, W. Va.	Harrison
Massei, Frances Jean	307 Sixth St., Fairmont, W. Va.	Marion
Mayle, Pearl Bailey	205 Hawthorne St., Morgantown, W. Va.	Monongalia
McCord, Dorothy Kathleen	4 David St., Brownsville, Pa.	Fayette
McKinney, Anna Giles	Rt. 4, Grafton, W. Va.	Taylor
Moats, Richard	Erwin, W. Va.	Preston
Moran, Stella	Catawba, W. Va.	Marion

Name	Address	County
Morgan, Myra E.	1103 Gaston Ave., Fairmont, W. Va.	Marion
Morgan, Naomi	Rt. 4, Fairmont, W. Va.	Marion
Morris, Jack R.	712 Virginia Ave., Follansbee, W. Va.	Brooke
Mouser, Jessie Whitehair	1107 Fennimore St., Fairmont, W. Va.	Marion
Nuzum, David	Rt. 4, Fairmont, W. Va.	Marion
Oldham, Mary Jo	Rt. 1, Fairmont, W. Va.	Marion
Oliverio, Kathryn Ann	Stony Rd., Fairmont, W. Va.	Marion
Orme, James Paul	120 S. 5th St., Clarksburg, W. Va.	Harrison
Perry, Angelyn Barbara	185 Holland Ave., Morgantown, W. Va.	Monongalia
Porter, Annie Laurie Sine	Blacksville, W. Va.	Monongalia
Price, Howard	Wadestown, W. Va.	Monongalia
Proudfoot, James Morgan	14 West Wilfond St., Grafton, W. Va.	Taylor
Reckert, Willard	Rt. 2, Terra Alta, W. Va.	Preston
Roberty, Hilda Roberta	116-118 Buffalo St., Mannington, W. Va.	Marion
Roberty, Hugo N.	315 Franklin St., Mannington, W. Va.	Marion
Romino, Imogene Dolora	207 McKinney St., Fairmont, W. Va.	Marion
Schaeffer, Betty Gean	Box 82, Bayard, W. Va.	Grant
Schrock, Page C., Jr.	Aurora, W. Va.	Preston
Scott, Gypsy Snodgrass	Smithfield, W. Va.	Marion
Shaffer, Betty J. Hunter	913 Sylvan Ave., Fairmont, W. Va.	Marion
Shaver, Jennings	Barrackville, W. Va.	Marion
Skinner, Waldon	1103 Gladden St., Fairmont, W. Va.	Marion
Sloan, Alta L.	Grafton, W. Va.	Taylor
Smith, Betty Day	Petersburg, W. Va.	Grant
Smith, Odra H.	Marlinton, W. Va.	Pocahontas
Snider, Betty Palmer	1966 E. 7th St., Parkersburg, W. Va.	Wood
Snider, Marvin M.	Hundred, W. Va.	Wetzel
Snyder, Aldon Brooks	120 Maryland Ave., Morgantown, W. Va.	Monongalia
Sturm, Doris L.	Enterprise, W. Va.	Harrison
Summers, Flora	713 Ohio Ave., Fairmont, W. Va.	Marion
Talbott, Elizabeth Caroline	Tahill, Rt. 3, Fairmont, W. Va.	Marion
Teter, Wyona Mae	302 Willis Ave., Bridgeport, W. Va.	Harrison
Thompson, Henrietta Honcher	Box 153, Pursglove, W. Va.	Monongalia
Tiano, Anita A.	Watson, W. Va.	Marion
Tiano, Anthony	Box 83, Lumberport, W. Va.	Harrison
Timms, Odra Mae	115 Wabash St., Fairmont, W. Va.	Marion
Travis, Richard N.	Aurora, W. Va.	Preston
Vance, Joan Hennen	1107 Fennimore St., Fairmont, W. Va.	Marion
Vincent, Beatrice Lee	Colfax, W. Va.	Marion
Waddell, John Francis	201 Church St., Rivesville, W. Va.	Marion
Wadsworth, Warren W.	1519 Mgtn. Ave., Fairmont, W. Va.	Marion
Walls, Ester Zoe	Rt. 3, Grafton, W. Va.	Taylor
White, May	Hundred, W. Va.	Wetzel
Welch, Lynn P.	Albright, W. Va.	Preston
West, Calantha Jean	Rt. 3, Fairview, W. Va.	Marion
Wetzel, Betty Pearl	110 Howard St., Mannington, W. Va.	Marion
Wharton, Martha Furman	2 White Oak Ave., Fairmont, W. Va.	Marion
Whiteman, Jack Robert	409 Monroe St., Fairmont, W. Va.	Marion
Whoolery, Elliott V.	648 Hood Ave., Shinnston, W. Va.	Harrison
Wilhelm, Berlin H.	Rt. 1, Terra Alta, W. Va.	Preston
Williams, June Ardelle	Rt. 1, Mannington, W. Va.	Marion
Wilson, Kyle	Fairview, W. Va.	Marion
Woodby, Donald Barden	1323 E. 82nd St., Cleveland, O.	Cuyahoga
Wotring, Delbert	Aurora, W. Va.	Preston
Wyer, Dorothy J.	Enterprise, W. Va.	Harrison

BACHELOR OF SCIENCE DEGREE

Name	Address	County
asile, Michael Edward	Box 205, Grant Town, W. Va.	Marion
aughman, Charlotte Jane	Rt. 2, Box 71, Philippi, W. Va.	Barbour
avely, James C.	Monongah, W. Va.	Marion
rady, John C.	Veterans Bks, Fairmont St. Col.	Marion
utcher, Robert E.	313 View Ave., Fairmont, W. Va.	Marion
aun, Joseph George	224 Spruce St., Fairmont, W. Va.	Marion
ousins, Bertram, Jr.	1116 Bryant St., Fairmont, W. Va.	Marion
urry, Elton Royce	605 Market St., Fairmont, W. Va.	Marion
elligatti, Norma Rose	406 Spring St., Fairmont, W. Va.	Marion
ckberg, Charles Norman	502 Potomac Ave., Fairmont, W. Va.	Marion
abriele, Betty Lee	623 Market St., Fairmont, W. Va.	Marion
amble, Glenn Elmer	359 Lincoln St., Fairmont, W. Va.	Marion
allina, Gabriel John	Kingwood, W. Va.	Preston
riffith, Theodore, Jr.	Widen, W. Va.	Clay
lanne, John Junior	Ice St., Barrackville, W. Va.	Marion
larpold, Harry Howard, Jr.	Box 35, Metz, W. Va.	Marion
lupp, Henry Elmer	Rt. 4, Fairmont, W. Va.	Marion
lamilton, John W.	95 Fairmont Ave., Fairmont, W. Va.	Marion
luffman, John Edward	Christy St., Fairmont, W. Va.	Marion
limble, Hugh Alton	Shallmar, Md.	Garrett
lorchler, Frederick W. III.	564 Pierpont Ave., Fairmont, W. Va.	Marion
lachamer, James Leroy	Newburg, W. Va.	Preston
lcAteer, J. Patrick	600 Second St., Fairmont, W. Va.	Marion
lcClung, Gaynelle	1216 Bryant St., Fairmont, W. Va.	Marion
lcCullough, Richard C.	208 Columbia St., Fairmont, W. Va.	Marion
lichael, Paul Lee	Rt. 4, Fairmont, W. Va.	Marion
liller, Frances Louise	Morris Park Rd., Fairmont, W. Va.	Marion
lassei, Frances Jean	310 Hamilton Ave., Greenwich, Conn.	Fairfield
lusca, Thomas Bruce	307 Sixth St., Fairmont, W. Va.	Marion
'Connor, Helen Clem	Colonial Apts., Fairmont, W. Va.	Marion
liverio, Kathryn Ann	Stony Road ,Fairmont, W. Va.	Marion
antalone, Mary Louise	Farmington, W. Va.	Marion
atton, James William	308 Third St., Fairmont, W. Va.	Marion
rickett, Carl F., Jr.	Box 196, Barrackville, W. Va.	Marion
aspa, Nick	239 Clayton St., Rivesville, W. Va.	Marion
oberty, Hilda Roberta	116-118 Buffalo St., Mannington, W. Va.	Marion
obinson, Charles C.	1355 Locust Ave., Fairmont, W. Va.	Marion
omino, Camille Jo	12 McKenney St., Fairmont, W. Va.	Marion
omino, Imogene Dolora	207 McKinney St., Fairmont, W. Va.	Marion
abo, Albert R.	215 Tenth St., Fairmont, W. Va.	Marion
anderbeck, Frank C.	715 Gaston Ave., Fairmont, W. Va.	Marion
hurtleff, Edgar McCulloch	1247 Bryant St., Fairmont, W. Va.	Marion
kinner, Waldon	1103 Gladden St., Fairmont, W. Va.	Marion
piro, Sidney B., Jr.	504 Sixth, St., Fairmont, W. Va.	Marion
ennant, Patricia Lue	Rt. 1, Rivesville, W. Va.	Marion
imms, Odra Mae	115 Wabash St., Fairmont, W. Va.	Marion
incent, Arthur W.	411 Adams St., Fairmont, W. Va.	Marion
incent, Roberta Lee	Rt. 5, Pleasant Valley, Fairmont, W. Va.	Marion
adsworth, Warren W.	1519 Mgtn. Ave. Fairmont, W. Va.	Marion
illiams, Emerson Blaine	Box 548, Fairmont, W. Va.	Marion
olfe, Maureen Kennedy	315 Jefferson St., Fairmont, W. Va.	Marion

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Zoology courses
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FAIRMONT STATE COLLEGE

Fairmont, West Virginia

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll.

A transcript of high school credits, for incoming freshmen, and a transcript of college work, for upper classmen, should be sent by the institution in which the credit was earned to the Director of Admissions.

ame of Applicant _____ Race _____
Last First Middle

ome Address _____
Street City State

ate of birth _____ Place of birth _____

ame and address of Parent _____

igh School attended _____ Location _____

ate of high school graduation _____ Units of credit _____

ame of college attended, if any _____

ates of college attendance _____ Semester Hours of credit _____

hy did you withdraw from that college _____

hen do you wish to enroll in Fairmont State College? _____

re you registering under the G. I. Bill of Rights? _____

what department or for what courses do you wish to enroll? _____

1. Administration Bldg.
2. Auditorium
3. Cafeteria
4. Science Hall
5. Morrow Hall
6. Site of New Home Ec. Cottage
7. Colebank Gymnasium
8. Site of New Library
9. Tennis Courts
10. Rosier Field
11. Field House
12. Veterans Housing
13. Ceramic's Bldg
14. Industrial Art Bldg.



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IMPORTANT NOTICES

CORRESPONDENCE: To avoid delay correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, academic credits, and information about fees, address

The Director of Admissions

Matters of General College Interest and Development, address

The President

Matters Concerning the Faculty, Curricula, Instruction, Summer Session, Evening and Extension Classes, address

The Dean of the College

Matters Concerning Guidance and Counseling, Student Employment, Placement, address

The Director of Student Personnel

Matters Concerning Housing for Women, Admission to the Dormitory, etc., address

The Dean of Women

Matters Concerning Housing for Men, Veterans' Affairs, Admission to Veterans' Housing Units, etc., address

The Dean of Men

Matters Concerning Student Accounts, Deferred Payments, Purchases, address

The Business Manager

Alumni Activities, address

The Alumni Secretary

CATALOGUE: Students are urged to secure **and to retain throughout the period of their enrollment** a copy of the annual catalogue for the year in which they entered. Unless changes beyond the control of Fairmont State College occur, or an unusually long period ensues between original enrollment and candidacy for graduation, students will be permitted to graduate under requirements prevailing at the time of entrance.

FAIRMONT
STATE COLLEGE

VOLUME LXXXIV | April 1, 1951 | NUMBER 1

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GENERAL CATALOGUE

1951-53

FAIRMONT, WEST VIRGINIA

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CALENDAR FOR 1951-52

1951

June 4, Monday — Registration for First Term, Summer Session
June 5, Tuesday — First classes, Summer Session, 8:00 A. M.
June 8, Friday — Last enrollment day, First Summer Term
July 4, Wednesday — Independence Day, a holiday
July 13, Friday — Final class sessions, First Summer Term
July 16, Monday — Registration for Second Term, Summer Session
July 17, Tuesday — First classes, Second Summer Term, 8:00 A. M.
July 20, Friday — Last enrollment day, Second Summer Term
August 24, Friday — Final class sessions, Second Summer Term

September 10-15, Monday through Friday — Orientation and registration of freshmen students
September 12, Wednesday — Registration of freshmen students
Registration of evening students, 6:00 P. M.
September 13, Thursday — Registration of all other students
September 14, Friday — First class meetings, 8:00 A. M.
September 19, Wednesday — Late enrollment fee, evening classes after this date
September 21, Friday — Last enrollment day, First Semester
Last day for schedule changes without fee
November 9, Friday — Last day for regular class withdrawal
Midsemester reports due, 4:00 P. M.
November 21, Wednesday — Thanksgiving recess begins, 4:00 P. M.
November 26, Monday — Classes resume, 8:00 A. M.
December 10, Monday through December 14, Friday — Pre-registration, Second Semester
December 19, Wednesday — Christmas recess begins, 10:00 P. M.

1952

January 2, Wednesday — Classes resume, 8:00 A. M.
January 17, Thursday through January 23, Wednesday — Final examinations First Semester
January 23, Wednesday — Final meeting, evening classes

January 28, Monday — Registration for Second Semester
January 29, Tuesday — First classes, Second Semester, 8:00 A. M.
January 30, Wednesday — Registration for evening classes, 6:00 P. M.
February 6, Wednesday — Late enrollment fee, evening classes, after this date
February 8, Friday — Last enrollment day, Second Semester
Last day for schedule changes without fee
March 28, Friday — Last day for regular class withdrawal;
Midsemester reports due, 4:00 P. M.
April 9, Wednesday — Easter recess begins, 10:00 P. M.
April 16, Wednesday — Classes resume, 8:00 A. M.
May 5, Monday through May 9, Friday — Pre-registration for Summer Session and First Semester
May 23, Friday through May 29, Thursday — Final examinations, Second Semester
May 28, Wednesday — Final meetings, evening classes
May 30, Friday — Memorial Day, a holiday
June 1, Sunday — Baccalaureate Services
June 2, Monday — Commencement Exercises

Unforeseen conditions may require some slight changes in this official calendar during the course of the college year.

CALENDAR FOR 1952-53

1952

June 4, Wednesday — Registration for First Term, Summer Session
June 5, Thursday — First classes, Summer Session, 8:00 A. M.
June 11, Wednesday — Last enrollment day, First Summer Term
July 4, Friday — Independence Day, a holiday
July 15, Tuesday — Final class sessions, First Summer Term
July 16, Wednesday — Registration for Second Term, Summer Session
July 17, Thursday — First classes, Second Summer Term, 8:00 A. M.
July 22, Tuesday — Last enrollment day, Second Summer Term
August 26, Tuesday — Final class sessions, Second Summer Term

September 8-12, Monday through Friday — Orientation and registration of freshmen students
September 10, Wednesday — Registration of freshmen students
Registration of evening students, 6:00 P. M.
September 11, Thursday — Registration of all other students
September 12, Friday — First class meetings, 8:00 A. M.
September 17, Wednesday — Late enrollment fee, evening classes, after this date
September 19, Friday — Last enrollment day, First Semester
Last day for schedule changes without fee
November 7, Friday — Last day for regular class withdrawal
Midsemester reports due, 4:00 P. M.
November 26, Wednesday — Thanksgiving recess begins, 4:00 P. M.
December 1, Monday — Classes resume, 8:00 A. M.
December 8, Monday through December 12, Friday — Pre-registration, Second semester
December 19, Friday — Christmas recess begins, 4:00 P.M.

1953

January 5, Monday — Classes resume, 8:00 A.M.
January 15, Thursday through January 21, Wednesday — Final examinations First Semester
January 21, Wednesday — Final meetings, evening classes

January 26, Monday — Registration for Second Semester
January 27, Tuesday — First classes, Second Semester, 8:00 A. M.
January 28, Wednesday — Registration for evening classes, 6:00 P. M.
February 4, Wednesday — Late enrollment fee, evening classes, after this date
February 6, Friday — Last enrollment day, Second Semester
Last day for schedule changes without fee
March 27, Friday — Last day for regular class withdrawal
Midsemester reports due, 4:00 P. M.
April 1, Wednesday — Easter recess begins, 10:00 P. M.
April 8, Wednesday — Classes resume, 8:00 A. M.
May 11, Monday through May 15, Friday — Pre-registration for Summer Session and First Semester
May 25, Monday through May 29, Friday — Final examinations, Second semester
May 27, Wednesday — Final meetings, evening classes
May 31, Sunday — Baccalaureate Services
June 1, Monday — Commencement Exercises

Unforeseen conditions may require some slight change in this official calendar during the course of the college year.

FAIRMONT STATE COLLEGE

FAIRMONT, WEST VIRGINIA

ESTABLISHED 1867

THE STATE BOARD OF EDUCATION

The State Board of Education has complete control over the educational, administrative, and fiscal policies of Fairmont State College. The personnel list of the present board follows:

	Term Expires
Ross Tuckwiller, *President, Lewisburg*	1954
Garland L. Dunn, *Vice President, Martinsburg*	1958
Lawrence R. Lynch, *Clarksburg*	1959
Robert D. Bailey, *Pineville*	1957
Mason Crickard, *Charleston*	1956
Mrs. Thelma B. Loudin, *Fairmont*	1955
W. H. Nelson, *Beckley*	1953
Raymond Brewster, *Huntington*	1952
Brooks Cottle, *Morgantown*	1951
W. W. Trent, *Superintendent, member ex-officio, Charleston*	1953
H. K. Baer, *Secretary, Charleston*	
Harry R. Hensley, *Administrative Assistant, Charleston*	

FAIRMONT STATE COLLEGE

The Administrative Staff

George H. Hand, Ph.D, *President.*
John W. Pence, A.M., *Dean of the College, Director Summer and Evening Sessions.*
Wayne S. Martin, Ed.D., *Director of Student Affairs and Off-Campus Activities.*
Regis J. Larkin, M.Ed., *Business Manager.*
Clifford R. House, Jr., Ed.M., *Director of Public Relations.*
George R. Hunt., Ph.D., *Registrar, Director of Admissions.*
Olive Sarah Horton, M.S., *Dean of Women.*
George H. Turley, A.M., *Dean of Men, Veterans' Coordinator.*
Harold D. Jones, A.M., *Librarian.*
Merton M. Mohrman, B.S., *Superintendent of Buildings and Grounds.*
Ruth E. Figgatt, A.B., B.S. in L.S., *Assistant Librarian.*
Jane Burdick, A.M., *Assistant Librarian.*
Winnie D. Crenshaw, A.M., *Director of Morrow Hall.*
Jasper H. Colebank, A.B., *Director of Athletics.*
Sarah E. Hamrick, B.S., *Director of Food Service.*
Harry C. Fleming, M.D., *College Physician.*

Administrative Assistants

Bernard B. Brookover, B.S., *Outside Foreman.*
Agnes Anne Conley, *Secretary.*
Dorothy Ann Day, *Information Clerk and Switchboard Operator.*
Violet Forchi, *Audio-Visual Services Clerk, Library.*
Betty Lee Gabriele, B.S., *Stenographer, Business Office.*
Ruth Hawkins, A.B., *Cashier.*
Anne Holbert, A.B., *Manager, College Bookstore.*
Mary Catherine Kennedy, *Secretary to the President.*
Emily Ann Leaf, B.S., *Secretary, Student Personnel Office.*
Anne Blair Morgan, A.B., *Assistant Registrar.*
Mary Ellen Radebaugh, B.S., *Assistant, Bookstore.*
Mildred F. Radford, R.N., *College Nurse.*
Mary Freeman Rexroad, A.B., *Clerk, Cashier's Office.*
Eugene Rogers, *Inside Foreman.*
Katharyn Elaine Smith, A.B., *Assistant to the Registrar.*
Patricia L. Tennant, B.S., *Clerk, Library.*

Administrative Office Hours

Daily, except Saturday, 8:00 A.M to 4:00 P.M.
Saturday, 8:00 A.M. to 12:00 M.

THE STAFF OF INSTRUCTION

ERIC BARNITZ, *Chairman, Sociology* (1947)*
A.M. Yale University

ANNE M. BARRY, *Physical Education* (1946)
A.B. Fairmont State College; A.M. West Virginia University

THOMAS R. BENNETT, II, *Chairman, Philosophy and Religion* (1949)
A.B. West Virginia University

JANE M. BURDICK, *Library Science* (1950)
A.B., Wells College; M.S. in L. S., Syracuse University.

HAYDEN M. CARMICHAEL, *Industrial Arts* (1948)
B.S. in Ed., Moorehead State Teachers College; M.S.I.E, Stout Institute

ROBERT LEON CARROLL, *Chairman, Physics*
A.B. Fairmont State College; M.S., Ph.D., West Virginia University

ALLEN W. CHAPLINE, *Chairman, Social Science* (1949)
B.S. Northeastern University; M.A. Stanford University; Ed.D. Columbia University

JASPER H. COLEBANK, *Chairman, Physical Education (Men)* (1924)
A.B. Fairmont State College

EDMUND COLLINS, *Education,* (1949)
A.B., A.M., West Virginia University; Ed.D., University of Pittsburgh

BESSIE K. CRYSTAL, *History* (1929)
B.S. Kirksville State Teachers College; A.M. University of Missouri

PAUL C. DAVIS, *Chairman, Recreation* (1949)
A.B. Glenville State College; A.M. Columbia University

ARTHUR PAUL DAVISSON, *Chairman, Biology* (1943-44; 1947)
B.S. University of Kentucky; A.B. Fairmont State College; M.S. West Virginia University

NORMAN HECKER DONHAM, *Music* (1946)
Artists Diploma, West Virginia University

ALFRED GLENN EVANS, *Health* (1948)
M.D., M.P.H. Yale University

JOHN THOMAS EVANS, *Chairman, Music* (1940)
A.B. Fairmont State College; Mus.B., Mus.M. West Virginia University

ZOE M. FARR, *Retailing* (1950)
B.S. Brigham Young University; M.S., New York University

RUTH FIGGATT, *Library Science* (1949)
A.B. Marshall College; B.S. in L.S. Drexel Institute

ELEANOR M. FORD, *Mathematics* (1946)
B.S., M.S., West Virginia University

PAUL B. FRAZIER, *English* (1950)
A.B., A.M. University of Kentucky

ALBERT R. GRECO, *Music* (1948)
Mus.B. West Virginia University; Mus.M. Cincinnati Conservatory of Music

GERTRUDE HALL, *Home Economics* (1950)
A.B. Fairmont State College; M.S. West Virginia University

CLEO D. HAUGHT, *Chairman, Physical Science* (1925)
A.B. West Virginia Wesleyan College; A.M. Ohio State University

CLIFFORD R. HOUSE, JR., *Chairman, Journalism* (1947)
A.B. Kentucky Wesleyan College; M.Ed. University of Cincinnati

BOYD DAVIS HOWARD, *Chairman, Education* (1948)
A.B. Union College; A.M., Ed.D. University of Cincinnati

MARJORIE HUNSINGER, *Chairman, Office Administration* (1946)
A.B. Ohio Wesleyan University; A.M. Columbia University; Ph.D. University of Pittsburgh

GEORGE R. HUNT, *Chairman, Zoology and Health* (1931)
Ph.B. Denison University; A.M. West Virginia University; Ph.D. University of Pittsburgh

EDGAR N. JAYNES, *Chairman, Business and Economics* (1947)
A.B. West Virginia University; MBA. Boston University

CYRIL W. JOHNSON, *Chairman, Industrial Arts* (1947)
B.S. Stout Institute; A.M. Ohio State University

HAROLD D. JONES, *Chairman, Library Science* (1947)
A.B. Swathmore College; B.S., L.S. Drexel Institute; A.M. University of Pennsylvania

REGIS J. LARKIN, *Office Administration* (1947)
B.S., M.Ed. University of Pittsburgh

ALTON FOREST RAYMOND LAWRENCE, *Chairman, Political Science* (1946)
A.B. Drake University; A.M., J.D. State University of Iowa

ROBERT GEORGE LAYER, *Business and Economics* (S-1947; 1948)
A.B. Ohio Wesleyan University; A.M. Harvard University

CHARLES A. LINDLEY, *Chairman, History* (1929)
A.B. Indiana University; A.M. Clark University; Ph.D. University of Pennsylvania

DOROTHY FOWKES LUCKER, *English* (1948)
A.B. University of Texas; A.M. Columbia University; Ph.D. University of Texas

WAYNE S. MARTIN, *Guidance* (1950)
B.S. West Virginia University; M.S., Ed.D. Oregon State University

LUELLA RAAB MUNDELL, *Chairman, Art* (1949)
A.B. Iowa State Teachers College; A.M., Ph.D. State University of Iowa

RUTH ANN MUSICK, *Mathematics* (1946)
B.S. Kirksville State Teachers College; M.S., Ph.D. State University of Iowa.

PAUL F. OPP, *English* (1923)
A.B. Mount Union College; A.M. Columbia University; Ph.D. University of Toronto

JOHN W. PENCE, *Geography* (1926)
A.B., A.M. Oberlin College

WOODROW ARTHUR POTESTA, *Business and Economics* (1948)
B.S., L.L.B. West Virginia University

MARY B. PRICE, *Music* (1925)
Graduate, School of Music, West Virginia University; Music Supervisor's Diploma, Cornell University

HADDON S. RHODES, *English* (1931)
A.B. Fairmont State College; A.M. West Virginia University

JEAN E. RICHMOND, *Home Economics* (1940)
A.B. University of Illinois; A.M. University of Iowa

Charles Moore Roberts, *Chairman, Botany* (1926)
B.S., M.S. Pennsylvania State College
Katharine Hammond Roberts, *Sociology* (1926-33; 1950)
Diploma, Sargent School for Physical Education; B.S., A.M., Teachers College, Columbia University
Spaulding Rogers, *Chairman, Psychology* (1947)
A.B. University of Rochester; Ph.D. Columbia University
Helmut Max Schoeck, *German and Social Science* (1950)
Ph.D. University of Tuebingen.
Fridjof Schroder, *Art* (1947)
A.B. Luther College; A.M. University of Iowa
Herman Arthur Shutts, *Chairman, Mathematics* (1930)
A.B. Fairmont State College; A.M. West Virginia University
Marjorie Tate, *English* (1926)
B.S. in Ed. Central Missouri Teachers College; A.M. George Peabody College for Teachers
Harold Norman Taylor, *Education* (1948)
A.B., A.M. State University of Iowa
John Martin Taylor, *Education* (1946)
A.B. Fairmont State College; A.M. West Virginia University; Ed.D. University of Colorado
Elizabeth Terry, *Chairman, Foreign Languages* (1941)
A.B. Marietta College; A.M. University of Wisconsin
George H. Turley, *Speech and Dramatics* (1941)
A.B. Fairmont State College; A.M. West Virginia University
Lawrence A. Wallman, *Chairman, Speech and Dramatics* (1929)
A.B., A.M. West Virginia University
Nelle E. Walters, *Chairman, Physical Education (Women)* (1947)
A.B. West Virginia University; A.M. Peabody College
Raleigh P. Ward, *Chairman, Chemistry* (1932)
A.B., M.Sc., Ph.D. Ohio State University
Kenneth G. Weihe, *Chairman, English* (1950)
B.S. Wooster College; A.M. Ph.D. Yale University
Jerry J. West, *Speech and Dramatics* (1948)
A.B. Fairmont State College; A.M. West Virginia University
Margaret Leckie Wheat, *Education* (1950)
A.B. Marshall College; A.M. Northwestern University
Margaret Semanick Willard, *Education* (1949)
A.B. Fairmont State College; A. M. West Virginia University
Wilford R. Wilson, *Physical Education* (1939)
A.B. Fairmont State College; A.M. Teachers College, Columbia University
Kenneth G. Wise, *Industrial Arts* (1948)
B.S., M.A. Ohio State University
Eleanor Wolfe, *Chairman, Nursing Education* (1949)
A.B. Geneva College; R.N., A.M. Western Reserve University
Norbert James Zeimes, *Retailing* (1948)
B.A. St. John's University; M.A. University of Minnesota

*The date in parenthesis indicates the year of initial appointment.

JAYENNE LABORATORY SCHOOL

FLOYD O. PRUNTY, *Principal*
A.B. West Virginia Wesleyan College; A.M. West Virginia University
GERALDINE WILDMAN, *First Grade*
A.B. Fairmont State College; A.M. West Virginia University
RUTH E. ONEY, *Second Grade*
A.B. Fairmont State College; A.M. West Virginia University
OLENE S. CROUSER, *Third Grade*
A.B. Fairmont State College
RUTH WILDERMAN, *Fourth Grade*
A.B. Fairmont State College
HELEN JANES CROWE, *Fifth Grade*
A.B. Fairmont State College
JANE MEYER, *Sixth Grade*
A.B. Fairmont State College

UNION SCHOOL (RURAL)

EDITH G. JORDAN, *Teacher*
A.B. Fairmont State College

RETIRED STAFF MEMBERS

JOSEPH ROSIER, *President Emeritus*
P.Pd., A.M. Salem College; L.L.D. Marshall College
EVA DAY COMPTON, *Home Economics*
B.S. West Virginia University; A.M. Teachers College, Columbia University
VIRGINIA GASKILL, *Home Economics*
Household Arts Diploma, Mechanics Institute; B.S., A.M. Columbia University
MARY BLANCHE GIBSON, *Education*
A.B. West Virginia University; A.M. Teachers College, Columbia University
FRANK HALL, *Education*
B.S. West Virginia University; A.M. Teachers College, Columbia University
MAUD M. HULL, *Education*
A.B. West Virginia University; A. M. Teachers College, Columbia University
ETHEL ICE, *German*
A.B. West Virginia University; A.M. Teachers College, Columbia University; Institute for Registrars, University of Kentucky
LAURA F. LEWIS, *English*
A.B. West Virginia University; A.M. Columbia University
E. L. LIVELY, *Sociology*
B.S. West Virginia University; A.M. Ohio State University
M. E .MCCARTY, *Mathematics*
A.B., A.M. University of Michigan
MAHALA DORCAS PRICHARD, *History*
A.B. West Virginia University; A.M. Teachers College, Columbia University

HAROLD F. ROGERS, *Chemistry*
A.B. West Virginia; A.M. Harvard University

FRANCIS SHREVE, *Education*
A.B. West Virginia University; A.M. Ohio State University; Ph.D. George Peabody College for Teachers

OLIVER SHURTLIFF, *English*
A.B., A.M. West Virginia University

FRANK S. WHITE, *Education*
A.B. University of Pittsburgh; A.M. George Peabody College for Teachers; Ed.D. University of Pittsburgh

FACULTY COMMITTEES*

Committees	Chairmen
Academic Affairs	HUNT
Athletics	LINDLEY
Business Affairs	LARKIN
Commencement	WARD
In-Service Training of Teachers	HOWARD
Library	JONES
Mobilization	HAND
Policy	HAND
Program	WEIHE
Public Affairs	HOUSE
Review Committee on English Usage	TATE
Student Affairs	MARTIN
Student Budget	LARKIN

* Committee personnel, other than chairmen, will be announced at the beginning of each academic year.

GENERAL INFORMATION

LOCATION

Fairmont State College, an institution of higher education for the young men and women of West Virginia, is located in Fairmont. As the county seat of Marion County and the center of the northern West Virginia coal industry, Fairmont is a thriving city of some 30,000 inhabitants. Being served by two railroads, several bus lines, and Highways 19, 31, 73, and 250, it is easily accessible from all points of the state. It is the operating headquarters and home of a number of large coal, utility, and manufacturing concerns. The city offers unusual cultural and economic advantages. It possesses excellent stores, several theatres, and numerous churches of all faiths. Community choral groups, a municipal symphony orchestra, and a Little Theatre organization provide excellent outlets for local talent. Students and faculty members of Fairmont State College are encouraged to take active parts in these various community activities.

HISTORY

Founded as a private teacher training school in 1865, Fairmont became a normal school under state control in 1867. Housed originally in space provided by a local church, Fairmont State College has successively occupied sites at the head of Adams Street (Newspaper Building), at Second and Fairmont Avenues on the site of the present United States Post Office, and since 1911 in its present location.

Fairmont State College claims to be the oldest normal school south of the Mason and Dixon Line, and the earliest recipient of aid from the George Peabody Fund. Operated as a teacher training school with some academic work on the secondary school level, Fairmont's scope was widened in 1908 when teachers were permitted to qualify for certificates through normal school training as well as through examinations. In 1924, Fairmont granted its first bachelor's degrees in education on the basis of the completion of a four year college course. In 1931, the Legislature changed the name of Fairmont State Normal School to Fairmont State Teachers College. This title was again changed by the Legislature of 1943 to FAIRMONT STATE COLLEGE, and authorization was given to offer Bachelor of Arts and Bachelor of Science degrees. As a result of these developments, Fairmont is now authorized and equipped to offer a wider educational service to the people of West Virginia than ever before in its long history.

CAMPUS

The Fairmont State College Campus consists of approximately seventy acres with its principal frontage on Locust Avenue at the edge of the present city limits of Fairmont. On a commanding site overlooking much of the City of Fairmont, the college is readily accessible to all students by private car or public transportation.

BUILDINGS AND EQUIPMENT

Fairmont State College possesses an unusually modern and well-equipped physical plant.

Administration Building is the oldest and largest building on the campus. In addition to the administrative offices, it houses numerous classrooms, a cafeteria, the student lounge, the college bookstore, and other facilities. Centered by its famous "Columns", the Administration Building presents an impressive frontage to Locust Avenue one of Fairmont's busiest thoroughfares.

Auditorium facilities, capable of seating 500 persons are located in one wing of the Administration Building. Here dramatic productions, concerts, assemblies and other important campus activities are carried on.

The Library. The new Fairmont State College Library Building is a three story structure of steel, concrete, glass and brick. Functional rather than monumental in design, it emphasizes accessibility of books, attractive informal appearance, good lighting, accoustical treatment and mechanical ventilaton. In addition to the usual library facilities and services, there is a typing room for the use of students, a number of individual study desks and carrels, music listening facilities, an art materials room, two seminar rooms and a moving picture screening room.

Located in new quarters, with additional facilities for serving student and faculty needs, the Library is now at the beginning of a new period of usefulness to the College. At the present time there are approximately 34,000 volumes, exclusive of government documents, for which the Library is an approved depository. The Library receives many daily newspapers and more than 260 periodicals. It also operates a film rental service for the benefit of the several department and campus organizations.

Science Hall is a large light brick building housing the departments of Mathematics, Natural and Biological Science, Home Economics and Business Administration.

Colebank Gymnasium is one of the newer campus buildings. It contains two gymnasiums, one for men and one for women. It also contains a fine swimming pool, classrooms, lockers, showers, equipment and office rooms. It is constantly in use for the various activities of the Physical Education Department and of the campus generally.

Morrow Hall is the campus residence hall for women. It is designed to furnish attractive and homelike surroundings.

The Industrial Arts Building is a single story frame building with full basement. It is 195 feet long and contains a central section 75'x40', and two wings each 60'x25'. The building is so constructed that in the very near future it can be brick veneered to match the rest of the campus units. It is well designed to provide the necessary space for an integrated course in all phases of industrial arts work. A smaller unit of the quonset hut type is available, in an adjoining location, for additional offerings in the Industrial Arts field, including automotive instruction.

Music Practice Studio, situated to the rear of Colebank Gymnasium, provides studios and practice rooms for the Music Department.

The Field House situated on Rosier Field is equipped with dressing rooms, lockers and showers for visiting and local football and baseball teams.

Rosier Field, situated at the upper end of the campus, is one of the beauty spots of Fairmont. Space is provided for a large football field, practice fields, baseball diamond and parking space. A concrete stadium capable of seating 5,500 spectators is provided. Adjacent are six tennis courts.

Quonset Studio, designed as "Studio D," is available for instruction in ceramics and sculpturing.

Veteran's housing units, nine in number, are located on the campus conveniently adjacent to classrooms, cafeteria, library, and gymnasium. These units provide quarters for 64 single men, 18 married men without children, and 6 married men with children.

New buildings, to be constructed on the campus, include a President's home.

ACADEMIC INFORMATION

ACCREDITING

Fairmont State College is fully accredited by the North Central Association of Colleges and Secondary Schools and the American Association of Colleges for Teacher Education, and is a member of the Association of American Colleges and the American Council on Education. These affiliations guarantee to Fairmont State College graduates and students full recognition of their earned credits in other colleges and universities.

DEGREES

The degrees granted by Fairmont State College are Bachelor of Science, Bachelor of Arts and Bachelor of Arts in Education. For each degree 128 semester hours of credit are required. The number of quality points required for a degree may not be less than 256 and may be more, since each student must average two points for each semester hour attempted. As a detail of this quality point requirement, twice as many points as hours must be earned in each major and minor subject or teaching field.

No student shall be awarded more than one baccalaureate degree, irrespective of the nature and number of courses he takes.

ADMISSION

Admission to Fairmont State College may be obtained in one of three ways:

1. By a certificate of graduation and credit properly certified from an accredited high school.

2. By properly certified transcript of credit and statement of good standing from a standard college or university.

3. By examination.

These three methods are described in detail below:

Admission of High School Graduates: An applicant for admission by high school certificate should file with the Registrar an official statement of his credits, signed by the proper official of the school from which he comes. This certificate should come directly from the principal of the secondary school to the Registrar of the College. The Registrar will notify the applicant as to the acceptance of his credits.

Transfer Students: Students entering Fairmont State College from other colleges and universities must have sent to the Registrar an official transcript of credit and a statement of honorable dismissal from the institution last attended.

A transcript to be official must come direct from the institution issuing it and must bear the official seal of the institution, and the manual signature of the proper officials. The transcript should show the descriptive title of the courses, the year in which the work was done, the number of credits and the grade. A transcript when accepted becomes the permanent property of the college and will not be returned to the student.

Examination for Entrance: Veterans of World War II who have not graduated from high school will be given an opportunity to enter college on the basis of United States Armed Forces Institute General Educational Development tests.

Examination for Advanced Standing: Veterans of World War II may take General Educational Development tests on the college level for advanced standing.

No credit of collegiate grade will be allowed for work done in the former normal training schools, except as authorized by the West Virginia State Board of Education. By the action of the board five-eighths college credit may be allowed for such work up to a maximum of twenty (20) hours, provided credit was earned after graduation from high school.

Exceptions to the regulations on admissions:

1. A mature student who is twenty-one years old or older may enter Fairmont State College without meeting the entrance requirements as a special student, but he must meet entrance requirements before he can be granted a degree or be recommended for a teacher's certificate.

2. A student who lacks only one unit of credit for graduation from his high school may be granted admission to Fairmont State College with a condition of one unit and be permitted to work off the condition during his first year in college.

REGISTRATION

Prior to registration day an official transcript of credit should be filed in the Office of the Registrar for each incoming freshman and each transfer student.

All students are expected to complete registration on the days set aside for this purpose at the beginning of each semester or term. (See college calendar for dates.) Students who register after the dates specified, but within the lawful period for enrollments, will have a late registration fee of two dollars added to the regular fee.

Printed schedules of classes may be obtained from the Registrar's Office in advance of registration days. Registration cards for those students who have pre-registered will be held by the several advisers until the date set for the completion of registration; new students will receive registration cards at the times indicated in the college calendar.

Transfer students enrolling for the first time should see the Registrar before enrolling.

Final registration is conducted on the main floor of the gymnasium during the hours from 8:00 to 12:00 Noon and from 1:00 P.M. to 4:00 P.M.

Pre-registration opportunities for students in residence will be given as indicated in the calendar, page 4. Students are expected to contact their advisers for pre-registration in these periods. This should be done if the student has any expectation of entering the ensuing semester. Students failing to pre-register will lay themselves open to a penalty fee of two dollars.

SEMESTER HOURS — DEFINITION

The semester hour is the basis of college credit within the institution. A semester hour is the credit received for taking a subject one hour per week for one semester or eighteen weeks.

Laboratory courses require two periods per week for eighteen weeks for each semester hour of credit.

GRADING SYSTEM

The following system of grading is used within the institution:

A—Superior, given only to students for exceptional performance.
B—Good, given for performance distinctly above the average in quality.
C—Average, given for performance of average quality.
D—Lowest passing grade, given for performance of poor quality.
F—Failure, signifies entirely unsatisfactory work. Course must be repeated if credit is to be received.

FIW—Failure because of irregular withdrawal. (See page 18.)

I—Incomplete, given to students who miss some of the last exercises of the class work because of illness, or some other equally good reason. When the work missed is done satisfactorily the final grade may be any one of the four passing grades. If the deficiency represented by I is not made up within a year the grade I automatically becomes F.

WP—Withdrew Passing, from one class or from college.

WF—Withdrew Failing, from one class or from college.

QUALITY POINTS

The quality of a student's work is indicated by quality points.

Candidates for graduation must have at least twice as many quality points as semester hours to their credit, that is, a point-average of 2. on all college work.

Quality points for grades A, B, C, D, are computed as follows:

A—Four (4) quality points for each semester hour of credit.

B—Three (3) quality points for each semester hour of credit.

C—Two (2) quality points for each semester hour of credit.

D—One (1) quality point for each semester hour of credit.

A student's grade average is determined by dividing the number of his quality points by the number of credit hours he has scheduled. No quality points are attached to grades F, FIW, and WF, but the credit hours for the courses in which these grades are received will be used in computing his grade average.

CLASSIFICATION OF STUDENTS

Students who have completed not less than ninety-six hours of college work are classified as seniors.

Students who have completed not less than sixty-four hours and not more than ninety-six hours of college work are classified as juniors.

Students who have completed not less than thirty-two hours and not more than sixty-four hours of college work are classified as sophomores.

Students who have completed the high school or secondary course and not more than thirty-two hours of college work are classified as freshmen.

NUMBERING OF COURSES

Courses 100-199 are for freshmen. Courses 200-299 are for sophomores. Courses 300-399 are for juniors. Courses 400-499 are for seniors. With the approval of his adviser a student may enroll for a course on either the next higher or the next lower level.

ASSIGNMENTS AND CREDITS

1. Semester Load: A student who enters at the beginning of a semester may be assigned a sixteen or seventeen hour schedule, but not more, except by special permission of the Committee on Academic Affairs. An adviser may not give permission for more than seventeen hours. Two laboratory hours shall count as one semester hour.

2. Schedule Changes. When a student has received his assignment, he cannot change it except by permission of his adviser. Any change made, at the student's request, later than the date set in the calendars, will involve payment of a $1.00 fee. After three weeks of the semester have passed, permission to change a schedule must be obtained from the Committee on Academic Affairs, and the fee for schedule changes must be paid.

A course officially dropped within the first third of a semester or term will not be recorded on the student's permanent record card. A course dropped

later in the semester or term will be recorded on his record card with the grade of WP or WF.

After the middle of the semester or term, no drop slips will be issued except for students who withdraw from college.

3. Late Registration: The last day of registration for a semester shall be the tenth day of the semester; the last day of registration for a six-week term or a nine-week term shall be the fifth day of the term; and the last day of registration for evening classes shall be the second meeting of these classes. If a student enters late, his load in semester hours is subject to reduction in proportion to the time he is late.

4. Withdrawal from the College. A student desiring to withdraw from the College will apply at the Registrar's Office. Here forms may be obtained which when completed with the Cashier's Office, the Student Personnel Office, and deposited in the Registrar's Office, will constitute official withdrawal. The instructor records on The Instructor's Term Report to the Registrar a W followed by the date of last class attendance: thus, W 3-14-50. In case such drop notice is issued later than six weeks after the opening of the semester or two weeks after the opening of the summer term, the W will also be accompanied by a grade to show the quality of the student's work up to the time of the last attendance: thus, WP 3-9-50, passing, or WF 3-2-50, failing. Where a student drops a part of his academic load after nine weeks of the semester, or two weeks of the summer term, have elapsed, an F or FIW will be recorded for each course dropped; but where a student withdraws regularly from college after nine weeks of the semester or two weeks of the summer term have elapsed, the instructor will record a WP or WF, as the case may be. Such grades will be used as a part of the student's record for the semester in determining his eligibility for enrollment the following semester.

A student who withdraws from the College without permission will receive at the end of the semester a grade of FIW (failure because of irregular withdrawal) in each subject for which he is registered.

5. Repeating a Course. With the approval of his academic adviser, a student may repeat a course in which he has received an F, or a low grade. When this is done, both grades will be recorded and used in computing the student's point average.

6. Minimum Residence Requirements for Graduation: For each degree, at least one year's work in residence is required, one semester of which must be in the senior year. A "year of residence" must represent not less than thirty weeks' work in residence with not less than thirty hours credit.

Exception is made in the case of any student who has completed three years of required work in Fairmont State College and who wishes to complete the senior year in some approved college of law or medicine.

HONOR ROLL

Those students who are registered for twelve or more hours and who at the end of the semester receive grades averaging B or above are considered honor students and a list of such students constitutes what is known as the Honor Roll.

GRADUATION WITH HONOR

Candidates for graduation who have achieved special distinction in academic work are recognized at Commencement by having printed on their diplomas, first, second, or third honors as determined by quality points: Highest honor (3.75 and above; High honor (3.5 to 3.74); Honor (3.0 to 3.49). Honors at Commence-

ment are based upon the entire scholastic record of the student, including the final grades of the second semester of the senior year.

TRANSCRIPTS

Every student at Fairmont State College is entitled to one official transcript of his record free; for each additional copy a fee of one dollar ($1.00) cash will be charged.

A student who defaults in the payment of any college dues or loans forfeits his right to claim a transcript.

An application for a transcript of credit should furnish the date of last attendance at Fairmont State College, and a married woman should give both her maiden and married names.

All requests for transcripts should be sent directly to the Registrar.

AUDITORS

Students who are registered in Fairmont State College may be permitted to attend classes as auditors provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. No person who enrolls in any class as an auditor may later in the same semester or term be considered as enrolled in this class for the purpose of obtaining credit.

No record is kept of the work and attendance of students admitted to the classes as auditors, and no credit is given for their work in such classes.

Students eligible to attend classes as auditors may obtain proper permission blanks from the Registrar. Other persons, not registered students, may attend classes as auditors upon securing permission from the Registrar, and upon payment of a small fee.

ABSENCES

Faculty members have responsibility for excusing or not excusing absences. Students have the responsibility of contacting individual faculty members about their absences. Failure of students to offer satisfactory explanations of absences may bring about a lowering of the class grade, or may lead to failure in the course.

REPORTS TO STUDENTS

The grades of all students are reported by each faculty member to the several student advisers as of the middle and end of each semester. Midsemester reports, unless there are special reasons, are not mailed to the student's home address. Final reports, prepared by the Registrar's Office, are mailed to the student's home address at the close of each semester or term.

SPECIAL EXAMINATIONS FOR COURSE CREDIT

Students may take special examinations to qualify for credit in certain courses. For further information as to the courses covered in this manner, students should contact the Registrar's Office. All tests are administered by the College Testing Service.

Application must be made to the Registrar for permission to take a special examination. To qualify for permission to take such an examination, an applicant

must be enrolled or must have completed succesfully one semester or summer session in Fairmont State College. The applicant must, in addition, establish eligibility in regard to his background in the area concerned. In order to gain college credit by special examination, the student must demonstrate better than average proficiency in the course.

Applicants must pay a fee of $3.00 for each special examination, if regularly enrolled at the time of taking the examination, otherwise the fee is $2.50 per semester hour of credit to be received. A receipt for the payment of the fee must be obtained from the Cashier's office. No money will be refunded if any examination is failed. No examination may be repeated.

PROBATION

A student who, in any semester, earns credit in less than two-thirds of his scheduled load and falls below a point-average of 1.5 will be placed on probation for low scholarship and both the student and his parents will be notified. A student assigned to probation is denied the privilege of carrying an academic load exceeding 12-13 semester hours unless the Committee on Academic Affairs allows an exception in unusual circumstances.

DISMISSAL FOR LOW SCHOLARSHIP

No student is permitted to remain on probation for two consecutive semesters. If he does not earn credit on three-fourths of his scheduled load and a point-average of 1.7 in the semester in which he is on probation, he is automatically dropped from the college for low scholarship. The student and his parents will be notified.

A student dropped for low scholarship may petition the Committee on Academic Affairs for reinstatement after the lapse of two semesters and may be reinstated if the Committee is convinced of his ability and desire to do satisfactory work. If reinstated, the student must meet the regular scholastic regulations from that time on in all college work. These scholastic requirements are stated above.

For the purpose of handling probation problems, two six-week summer terms will be considered the equivalent of a semester.

COLLEGE CREDITS FOR MEN CALLED TO MILITARY SERVICE

The current State Board of Education regulation dealing with this subject provides: "That men called to the armed services of the United States be granted full return of fees, but no credit if the call comes within the first half of the term; that there be no return of fees, but full credit by courses to men called to the armed services of the United States if the call comes during the second half of the term; provided, however, that credit as described above will be granted only in those courses in which the student is maintaining a passing mark at the time of his departure to military service. In the recording of final grades, for half of a term or more, both passing and failing grades are to be shown on the student's permanent record card."

FEES*

All registration fees are payable on the day of registration.

Students leaving college should check with the Cashier's office to see if all fee payments have been adjusted. If all fees have been paid, those withdrawing before the end of the first week may obtain a refund of all refundable fees; those withdrawing before the end of the second week may obtain a refund of three-fourths; those withdrawing before the end of the third week may obtain a refund of one-half; and those withdrawing before the end of the fourth week may obtain a refund of one-fourth. No part of the fees may be refunded in case of withdrawal after the end of the first four weeks of the regular session. Application for refunds must be made to the Cashier of the College at the time of the student's withdrawal.

If regular withdrawal becomes necessary in either summer term, one-half of the refundable fees will be refunded in the first week. No refunds are allowable after the first week.

All fees which pertain to an entire period, that is, a semester or six week term, are considered refundable.

REGISTRATION FEES

SEMESTER ENROLLMENT FEES

(8 Credit Hours and Above)	W. Va. Residents**	Non-Residents**
State enrollment fee (Per semester)	$25.00	$100.00
Student activity fee (Per semester)	10.00	10.00

SUMMER SESSION ENROLLMENT FEES

One term only	20.00	33.33
First and second terms	30.00***	66.66
Student activity fee (Payable one term only)	2.00	2.00

SCHEDULE OF PART-TIME ENROLLMENT FEES

	W. Va. Residents**	Non-Residents**
Regular Semester (less than 8 hours)		
For first credit hour	$ 5.00	$ 20.00
For second credit hour	3.00	12.00
For third credit hour	2.00	8.00
For fourth to eighth credit hour, per hour	3.00	12.00
Summer Session (Less than 4 hours)		
For first credit hour	10.00	16.67
For second credit hour	6.00	10.00
For third credit hour	4.00	6.67
Extension classes (Per semester hour)	7.50	30.00
Auditing fee (Per course)	5.00	20.00

SUMMER LABORATORY SCHOOL ENROLLMENT FEES

Kindergarten (Per week) (6 weeks)	$ 3.00
Elementary (Grade 1 through 6) (6 weeks)	3.00
Junior-Senior High School (Per credit hour) (12 weeks)	1.00

LABORATORY FEES

Art 283, 284, 483, 484	$ 2.00
383, 384	5.00
Biology 101, 102	1.00
Botany 101, 102, 103, 122, 230, 240, 310, 324, 330, 415	1.00
Chemistry 101, 102, 107N, 201, 240, 241, 301, 303	6.00
Engineering 112, 115, 212	7.50
113, 209	1.00
Home Economics 230, 303, 351	1.00
110N	2.00
302	2.50
201, 202	3.00
Industrial Arts 101, 134, 202, 220, 234, 304, 320, 322, 334, 345, 346, 420, 422, 434	7.50
308	5.00
110, 230	4.00
130, 414	3.50

303, 342, 442	2.50
314 (per credit hour)	1.25
140, 242, 350, 450	1.00
Office Administration 311	2.00
Physics 101, 103, 210, 211	3.00
310, 311	5.00
Retailing 305	2.50
Speech 105	1.00
Zoology 110N, 103, 310, 320, 321, 350, 450	1.00
410, 420	2.00

MUSIC FEES

Piano or Voice Lessons (One lesson per week—18 weeks)	$ 25.00
Instrumental Lessons (One lesson per week—18 weeks)	25.00
Instrumental Rental Fee	2.00

SPECIAL FEES

Late registration fee	$ 2.00
Fee for failure to pre-register (Resident students only)	2.00
Diploma fee	3.00
Fee for rental of cap and gown	.75
Freshman orientation fee	1.50
Change of schedule fee (made later than dates set in calendar)	1.00
Transcript fee (First transcript is furnished free)	1.00
Special examinations for course credit (each)	3.00

*If adjustments in the fees listed become necessary, announcement will be made in due course.

**Definition of residence from the minutes of the State Board of Education, March 13, 1936:

"The residence of a person under twenty-one years of age is fixed by the residence of his parents, bona fide guardian, or the parent with whom he makes his home."

Note: A person named as a guardian for the purpose of obviating this provision is not a bona fide guardian. A declaration of intended residence in the state of West Virginia shall not constitute citizenship within said state for the purpose of establishing residence under this provision.

"A resident student is one whose actual bona fide residence is within the State of West Virginia. A person who resides in another state and comes into West Virginia for the purpose of attending school, or for any other temporary purpose, must pay the tuition fee fixed for a non-resident student.

***In order to avail themselves of the $10.00 resident fee for the second term, students must have attended the first term.

STUDENT WELFARE

STUDENT PERSONNEL SERVICES

Fairmont State College maintains many services of great value to all students. With the aim of assisting each student to adjust to his school environment and gain the most from his college experience, a centrally organized student personnel program is provided under a Director of Student Personnel. The many services include: housing for men and women; freshman orientation; testing; counseling; remedial assistance in reading, study habits, and other fields where a need is apparent; guidance in social affairs and campus activities; placement services for graduating seniors; and, the provision of financial assistance to students through part-time employment and loan funds.

HOUSING FOR WOMEN

Morrow Hall is the residence hall for women students on the campus. It houses seventy-five women under a program of self-government, supervised by a trained house director. This is an attractive, well-equipped building providing pleasant social rooms, sleeping and study facilities, a laundry room, and a dining room where meals are provided for the residents.

A room deposit of $10 must be paid in advance to reserve a room in Morrow Hall. This deposit will be returned at the end of the semester or college year, less deductions for any damages to Morrow Hall property. Reservations should be made at an early date by writing to the Dean of Women.

During the regular eighteen week semester, rooms may be had at Morrow Hall for $45 or $54, the rent varying according to the desirability of the room and the number of girls sharing it. Rooms are not rented for less than a semester. Board at Morrow Hall is $162 a semester. Room and board charges are payable at the beginning of each semester. Checks should be made out to Fairmont State College.

Rooms are available at $15, $16.50, or $18 per six week summer term, with $54 a term charged for summer board.

Business conditions may require changes in the room and board rates stated above.

A file of approved homes offering rooms for rent to women students is maintained in the Dean of Women's office. Women planning to room off the campus should write to the Dean of Women as early as possible for the names of approved householders. Any woman student not living with her parents must have her room approved by the Dean of Women.

HOUSING FOR MEN

The college provides housing facilities for a limited number of single men in four veterans' housing units. There are also a limited number of facilities for married veterans in one and two bedroom apartments. These units are partially furnished. Preference is given to veterans in the veterans' housing units.

A file of other approved housing facilities for single and married men is maintained in the Student Personnel Office. Reservations for rooms off the campus are not made by the college. Reservations for veterans' housing units are made at the Dean of Men's Office.

Further information about men's housing and names of approved householders may be obtained by writing the Office of the Dean of Men.

TESTING AND COUNSELING

The Student Personnel Office provides a testing and counseling service designed to assist students in making more intelligent personal, academic, and vocational choices. Trained personnel is maintained to administer and interpret tests. For the most part students seek this service voluntarily. Special remedial assistance is available to students who are deficient in reading, vocabulary, and study habits.

PART-TIME EMPLOYMENT

Many students seek financial assistance through part-time employment. A registry of part-time jobs, available both on and off campus, is maintained in the Student Personnel Office. On the college campus, students find employment in clerical work, library work, assisting instructors, kitchen and dining room work, groundkeeping, and other similar activities. Under present pay schedules students are paid fifty cents per hour for all part-time employment on the campus.

The Office of Student Personnel assists students in finding part-time employment off campus. Many students work in stores, factories, garages, filling stations, and private homes.

PLACEMENT SERVICE

This service is available to all persons graduating from the college and to those who receive teaching certificates through its recommendation. All seniors are urged to register prior to graduation. Alumni, who hold degrees or certificates, are welcome to register. Assistance in placements in all fields of employment relative to occupational instruction furnished by Fairmont State College is offered. A job clinic of instruction on applying for jobs is provided.

FRESHMEN ORIENTATION

Freshmen and transfer students arrive on the campus in advance of the upperclass students. During a week's period they become acquainted with the campus, buildings, and equipment, student activities they will be joining, given tests which are for the purpose of assisting them in getting properly placed in their college courses and major fields of study. After scheduling classes in consultation with faculty advisers, they become formally registered for their first year of college work. Throughout the orientation period freshmen are assisted and guided by trained student counselors who are sympathetic with their special problems.

ADVISER SYSTEM

Each student is assigned an academic adviser at the time of his first enrollment in Fairmont State College. The student's academic adviser is the head, or a staff member, of the department in which the student has chosen his major field of study and will remain his adviser throughout his college career.

If the student desires to change his major field of study, he should contact the Student Personnel Director for assignment to the appropriate adviser. Students who are not ready upon entrance to select a major department will be assigned to special advisers by the Student Personnel Director.

It is to his academic adviser that a student will take all problems relating to course requirements, class schedules, pre-registration, and registration. Mid-semester grade reports are given out to students by their advisers.

STUDENT LOAN FUNDS AND SCHOLARSHIPS

Student loan fund, now totaling approximately $2,200 are available for student use. These funds are drawn from the Louise West Hite fund, the Myrtle Rice Leonard fund, the Student Loan fund, and the American Association of University Women fund. Interest at the rate of four per cent is charged for loans from these funds.

A journalism scholarship is offered by the Fairmont Kiwanis Club to a student majoring in journalism. The cash value is $100 which is sufficient for books, tuition, and incidental fees. (Apply in person to the Journalism Department.)

The Jessie Bayles Ice scholarship of $50 a semester is awarded through the Dean of Women to an outstanding high school senior girl each year.

Working scholarships are available in certain fields. 1) Editor of **The Columns**, $75 a year; 2) Business Manager of the The Columns, $75 a year; 3) Editor of **The Mound**, $75 a year; 4) Business Manager of **The Mound**, $75 a year; 5) assistant to Director of Public Relations, writing of news releases (to student majoring in journalism) cash value, $200 a semester; 6) Director of Sports Publicity (to student majoring in journalism) preparation of sports news, cash value, $200 a semester. Applications are made in person to the Journalism Department.

There are numerous scholarships and fellowships available for graduating seniors in other colleges and universities. Those students interested in doing graduate work under the terms of such grants should contact the Student Personnel Director for further information.

SERVICE TO VETERANS

Fairmont State College is prepared to meet the needs of returning service men and women. The office of Veterans' Coordinator exists to assist veterans in their relationships with the United States Veterans Administration. The Coordinator is prepared to give information concerning the college and the educational and financial benefits offered by the Federal Government. He will also aid veterans in securing suitable housing arrangements either in the veterans' housing units maintained by the college or elsewhere. Veterans requests for information should be addressed to the Veterans' Coordinator at the college.

GENERAL REGULATIONS

Fairmont State College expects its students to observe the standards of good citizenship both on and off the campus. Regulations of the State Board of Education empower the president and faculty to take such steps as may be needed to enforce these standards.

HEALTH SERVICE

All students entering Fairmont State College for the first time are required to have a health examination. Appointments for this examination should be made with the Health Service at the time of registration. All other students are to report at certain scheduled times for health re-checks. Failure to comply with the above regulations on the part of the student will result in credits being held in the office of the Registrar until said regulations have been met.

A certificate from the Health Service stating that the student has complied with the above regulation must be presented by the student to his supervisor in student teaching before he will be assigned to this training.

A physician and registered nurse are available to examine and advise students in matters pertaining to their health. On school days from eight until four o'clock, the college nurse may be found in her office in the Colebank Gymnasium for first aid and for the treatment of minor ailments of students and faculty.

FOOD SERVICE

The College Cafeteria, located on the first floor of the Administration Building, is open for service every day of the week with the exception of Sunday. Here excellent meals may be obtained at cost. Special rates are available for weekly service.

THE STUDENT LOUNGE

The student lounge provides a popular meeting place for students. It is located in the Administration Building. The "Big Nickel," a snack bar, is operated in conjunction with the student lounge. It is a non-profit corporation owned by the student body.

BOOKS AND SUPPLIES

Textbooks, drawing materials, notebook paper, and other supplies are purchasable at the College Bookstore, located in Room 203A Administration Building. Veterans may charge the books and supplies they buy to their official accounts.

CAMPUS ACTIVITIES

STUDENT GOVERNMENT ORGANIZATIONS

The Student Government Organization is composed of all students regularly enrolled in Fairmont State College. All of its officers are students and all business is conducted by them. Through this organization student programs and many other activities are undertaken. A student activity fee is collected from all students. This fee covers the cost of student activities and entitles the student to attend all athletic contests, major dramatic productions, and other special programs.

STUDENT COUNCIL

The Student Council is the executive board of the Student Government Organization. It consists of the five student body officers, all class presidents, one member elected by the interfraternity council, one member elected by the honorary and professional organizations, one member elected by the non-fraternity group, and one faculty representative appointed by the President of Fairmont State College.

STUDENT AND FACULTY SOCIAL CABINET

The Student-Faculty Social Cabinet is composed of representatives of students and faculty under the chairmanship of the Vice President of the Student Council. The campus social program for the school year is arranged through this cabinet.

STUDENT-FACULTY BUDGET COMMITTEE

The Student-Faculty Budget Committee, as provided for in a recent amendment to the Student Body Constitution, meets each semester to determine the allocation of the student activity funds among the various campus organizations requesting this assistance. The budget prepared must be approved by the Student Council.

INTER-FRATERNITY COUNCIL

The Inter-Fraternity Council coordinates the activities of the Men's and Women's Panhellenic Associations.

CLASS ORGANIZATIONS

Organizations are set up for each of the several academic class groups. Each class elects its own officers and carries on such activities as the group concerned desires.

CLUBS AND HONORARY ORGANIZATIONS

Fairmont State College students have organized a number of clubs and honorary organizations for the promotion of interest in various subject matter fields, for the recognition of outstanding achievement in various campus activities, and for general social purposes. A list of the currently active organizations of this character follows:

Clubs

Fu-Se-Fa (Secretarial)
Future Teachers of America
Home Economics Club
Industrial Arts Club
Masquers Club (Dramatics)
Social Science Club
Splashers Club
Women's Recreation Association
In-and-Out Club
Newman Club
Debate Club

Honoraries

Alpha Psi Omega (Dramatics)
Blazers (Senior Women's Honorary)
Kappa Delta Pi (Education)
Lambda Alpha Sigma (Lettermen)
Lambda Delta Lambda (Physical Science)
Pi Gamma Mu (Social Science)
Alpha Phi Gamma (Journalism)
Kappa Gamma (Oratory)
Pi Kappa Phi (Language)

SOCIAL ORGANIZATIONS

Fairmont State College students have organized and maintain a number of social fraternities and sororities. These organizations provide a medium for social activities and social training. They are regulated by the Men's and Women's Panhellenic Associations which strive toward high standards of scholarship and leadership among the groups and toward developing good college spirit. These organizations are listed below:

Fraternities

Kappa Sigma Kappa (National)
Sigma Tau Gamma (National)
Tau Beta Iota
Zeta Sigma

Sororities

Alpha Delta Chi
Delta Sigma Epsilon (National)
Gamma Chi Chi
Pi Kappa Sigma (National)
Sigma Sigma Sigma (National)

RELIGIOUS INTERESTS

Fairmont State College maintains a close relationship with the religious organizations of the city. Students are assisted in becoming allied with the church of their choice. The various churches in the city have active groups made up primarily of college students.

PUBLICATIONS

The Columns is the student newspaper published weekly during the school year. The Publication Board, representing students and faculty, approves the selection of staff members from a list presented to the Board by the faculty adviser. Consideration is given to those students who have done acceptable work in Journalism or who have had practical experience on publications. The Columns was named for the eight stately columns at the front of the Administration Building. It is financed by student fees and advertising.

The Mound is published annually by the students. The administrative officers of the staff are elected by the Student Body. All phases of college life are depicted in the annual, largely by pictures. It was named from a historic spot on a former campus. It is financed by student fees and advertising.

The Student Handbook is compiled annually under the direction of the Student Council. It contains valuable information about Fairmont State College and its varied student activities. It is of real service to new students.

View books and other promotion magazines are published at intervals by the college.

Bulletins, both daily and weekly, are posted on the bulletin boards prominently located in each building. These bulletins carry announcements of all student and faculty activities. Material for these bulletins should be left in Room 212-A. Students and faculty members should consult the bulletin boards daily for important announcements.

MUSIC ORGANIZATIONS

The Fairmont State College Band is a uniformed band of approximately fifty pieces. This organization is open to both men and women. Tryouts are held at various times throughout the year.

The Fairmont State College Orchestra is maintained for those students interested in this type of ensemble. Students who play orchestral instruments are urged to contact the orchestra director for entrance tryouts. The orchestra performs at plays and various other school activities where such an organization is desirable.

The Women's Choral Club is composed of a limited number of women selected, after tryouts, to make up this organization. The Club sings the best part songs for women's voices and presents programs for various occasions throughout the year. This is open to all women who can do part singing.

The Fairmont State College-Community Male Chorus is composed of men from the college and community interested in chorus singing. Men interested in participating in this activity are urged to contact the Music Director for tryouts and placement.

The Fairmont State College Choir is one of the popular musical organizations on the campus for men and women. The choir appears at assemblies, on the radio, gives an annual spring concert, and forms the nucleus for the "Messiah" which is given each year with organ and orchestra. Open to all students with or without credit. Membership may be obtained by contacting the Music Director.

ORATORY

A stimulating and vital program in public speaking and oratory is encouraged both on a curricular and extra-curricular basis at Fairmont State College. Students make frequent appearances before churches and clubs, and speak on radio programs. An annual competition is held for the M. M. Neely Prize. (See contests.)

INTERCOLLEGIATE DEBATING—THE DEBATE CLUB

Fairmont State College provides a very active program in debating. The Debate Club gives interested students training and experience in the art of debating and several teams are organized each year to meet the teams of other colleges of the state, and some of the Fairmont teams have made extensive trips to participate in tournaments and speech festivals. Debating is especially valuable training for students interested in pre-law work, history, political science, business, economics, and current affairs. All students are encouraged to participate in this activity, and those participating successfully in contests are awarded the key of the national debate fraternity, Kappa Gamma.

CONTESTS

The Frank C. Haymond Constitutional Prize Contest

In order to encourage a greater interest in and appreciation of the U. S. Constitution, Judge Frank C. Haymond, '06, has established an annual prize of $25. This prize is awarded to any regularly enrolled student who submits the best paper relative to the general theme of "The Constitution." Papers are required to be from two thousand to thirty-five hundred words in length and are due on or before

April 15 in each school year. Apply to the chairman of the Political Science Department.

The M. M. Neely Oration Contest

Each year the Honorable M. M. Neely offers an award of fifty dollars for excellence in oratory. This contest is open to all regularly enrolled students of the college. A faculty committee is in charge of this contest. Apply to chairman of the Speech and Dramatics Department.

DRAMATICS

Fairmont's dramatic department is known throughout the United States; for it was here there was organized in 1925 a national dramatic fraternity—namely, Alpha Psi Omega. Delta Psi Omega, junior college organization, and the Thespians, high school dramatic society, also had their inception at Fairmont State College.

At least two to four major plays are produced each year. Tryouts are open to all students and everyone has equal opportunity to participate in dramatic activities. The Masquers, a dramatic club, is one of the most active groups on the campus, and membership in it is based entirely on dramatic activity of the individual.

Several children's plays are produced each year and numerous one-act plays give new students ample opportunity to show their talents. Each year a one-act play is sent to the Dramatic Festival of the West Virginia Inter-Collegiate Speech Association held at one of the various colleges of the state.

COLLEGE RADIO PROGRAM

"Campus Highlights," a weekly radio program, is produced by the radio department of Fairmont State College and has been a regular feature of Station WMMN for twenty-one years. These programs are, for the most part, student productions. All types of radio programs are presented during the regular school year. They provide a means of practical application of techniques studied in the several radio courses offered. Any student at Fairmont State College may audition for radio work. A modern, professional quality studio is located on the ground floor of the Administration Building. Many of the college programs originate from the studio. These facilities afford opportunities for students to do professional caliber radio work under proper supervision.

ASSEMBLIES AND SPECIAL FEATURE PROGRAMS

Arrangements provide for weekly assembly periods. At these times matters affecting the entire student body are presented. Programs, planned for their educational and entertainment value, are given by students and outside groups. Persons desiring to sponsor any of these assembly programs should contact the Chairman of the Program Committee or the President of the Student Council as early as possible.

The Program Committee of Fairmont State College, composed of faculty members and representatives of the student body, each year sponsor a number of programs of a broadly cultural and intellectual nature for the benefit of the students and community. These programs, to which students are admitted free of charge, are affairs that bring to the campus outside professional groups and individuals who are nationally known in music, in art, in the drama, in the dance, and as lecturers. Recent programs have featured such talent as Admiral Ellis M. Zacharias, lecturer; Eve Gentry, dancer; Cornelia Stabler, dramatic monologuist. A cooperative plan is in effect whereby interested students may attend the concerts of the Fairmont Community Concert Association.

INTRAMURAL SPORTS

A regular program of intramural sports is sponsored for the benefit of both men and women students. Teams are organized for competitive play among various groups and organizations. The pool is open for recreational swimming at certain times and other facilities for individual and group recreation are available. The Women's Athletic Association directs the intramural program for women, and staff members direct the men's program. A program of individual participation with selected equipment is in the offing for those interested and concerned with their own development who do not wish to be confined to time or team elements. This phase of the intramural is designed to provide the maximum amount of participation.

The college curriculum realizes it must be designed to meet the educational needs of the integrated personality of the individual student; thus this type of intramurals affords this opportunity.

INTERCOLLEGIATE SPORTS

Fairmont State College sponsors an intercollegiate athletic program in football, basketball, baseball, golf, tennis, and track. There are unusually fine indoor and outdoor facilities and equipment for physical education and recreation. Every young man in college is free to participate in any one or more of the intercollegiate sports and in all recreational activities. The men making up the different teams are not a pre-selected group.

ALUMNI

The Alumni Association of Fairmont State College is the official organization of all graduates and former students of the "old" Fairmont State Normal School, Fairmont State Teachers College, and Fairmont State College.

The history of the Alumni Association goes back almost to the founding of the college. A meeting was held on Commencement Day, June 27, 1873, at which time the twenty-nine graduates formed the Association.

Events of special interest to Alumni members include the Annual Dad's Day celebration held usually in the fall semester. The Homecoming celebration features a banquet, entertainment, a basketball game, and a dance. Other events are the reception that follows the spring Commencement ceremonies and an Open House held during the State Education Association convention.

Information concerning the Alumni Association may be had by writing to: The Secretary, Fairmont State College Alumni Association, Fairmont State College, Fairmont, West Virginia.

AWARDS

At Recognition Day exercises, held near the close of each college year, awards are granted to students for outstanding achievements in various campus activities. Among these awards are the following: **Who's Who Among Students in American Universities and Colleges** is awarded to seniors and juniors who have contributed to the college in an outstanding manner. The biography of these students is printed annually. **Edna Earl Lowe Memorial Award,** in the amount of $20 is offered by the American Association of University Women each year to the most worthy graduating senior girl. This award is given in memory of Mrs. Lowe. **The Blazers** is an honorary organization for outstanding senior women who have academic standing as well as extra-curricular achievements. **Four Outstanding Seniors,** both men and women, are chosen by vote of the faculty each year. **Athletic letters and awards** are made for achievement in activities of this nature. Many other students are recognized for exceptional work in various departments of the college, including journalism, dramatics, and others.

REQUIREMENTS FOR BACHELOR OF ARTS AND SCIENCE DEGREES

GENERAL INFORMATION

The requirements for the Bachelor of Arts and the Bachelor of Science degrees differ chiefly in the choice of major fields, although the selection of courses in these fields may also determine the degree to be earned. The degrees and the majors offered are as follows:

Bachelor of Arts Degree

Art
Economics
English
French
German
History
Home Economics
Journalism
Mathematics
Music
Philosophy and Religion
Political Science
Psychology
Social Science
Sociology
Spanish
Speech and Dramatics

Bachelor of Science Degree

Botany
Business Administration
Chemistry
Health
Home Economics
Industrial Arts
Mathematics
Office Administration
Physical Education
Physics
Recreation
Retailing
Zoology

Candidates for either of the two degrees listed above must have 128 semester hours of credit and 256 quality points as a minimum requirement for graduation. Fifty hours of the requirements must be earned in courses numbered within the 300-499 levels. Believing in the principle of general education upon which to build a program of specialized training, the Faculty of Fairmont State College has set up the list of general requirements listed below. In addition each candidate must also have completed all requirements in one major field with an average of "C" or better. The selection of minor fields is optional. All requirements, in summary form, follow:

General Requirements	45 Sem. Hrs.
Major Subject	24-44 Sem. Hrs.
Electives	39-59 Sem. Hrs.
(18-24 hours may be used as a minor, if desired)	
Total required for graduation	128 Sem. Hrs.

All students who entered, or will enter, Fairmont State College after September, 1946, will be expected to follow the general requirements set forth in the catalogue of the year in which they entered. Exception is made for those students who entered in September, 1949. Such students are permitted to follow the general requirements listed in the 1950-51 catalogue.

Courses taken to satisfy the general requirements, or their equivalents, will be included in the major or minor. Thus, a major student in English could count the general requirements in Composition and Literature as part of his major work, and a major in Chemistry could count basic courses in that field and in the related field of Physics as meeting the general requirements in Physical Science.

Attention is also directed to the fact that many of the general requirements may be satisfied by passing successfully an examination covering their content.

Foreign language is not a general requirement. A number of departments however, require the completion of twelve (12) semester hours of foreign language, or its equivalent.

All graduating seniors seeking Bachelor of Arts and Bachelor of Science degrees are required to take the comprehensive Graduate Record Examination. This examination may be taken only after the student has completed successfully a minimum of 96 credit hours and a minimum of two-thirds of the hours required in the student's major field of study.

Students pursuing courses leading to the degrees of Bachelor of Arts and Bachelor of Science, who also meet state certification requirements in one or more teaching fields, including the required professional courses, will be recommended for first class teaching certificates in the areas in which they may be qualified.

It is the responsibility of candidates for degrees to know and meet the general requirements of the College and the specific requirements of their chosen curricula. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

It is expected that, in the changing of general and specific course requirements, a number of students will experience some difficulty in making the necessary adjustments. The Committee on Academic Affairs has authority to make such adjustments in course requirements as may seem to deal justly with the situations presented.

GENERAL REQUIREMENTS*

(All Major Fields)

Areas of Study

	Specific Courses	Hours Credit
American History**#	330	3
Art#	255	2
English Composition***	102, 104	6
History or Social Science	111, 112	6
Library Science	101	1
Literature***	202, 204, or 341, 342	6
Music#	205	2
Physical Education	101, 111(W) 115, 116(M)	2
Psychology***	203 or 204	3
Science		6
Biological Science*** or	101, 102 or	
Physical Science***# x	201, 202 or 315, 316	
Social Science***#	201, 202	6
Speech	101	2
	Total	45

*In addition to the requirements listed herein, all students must take a standardized test in Arithmetic at the time of initial enrollment. Students failing the Arith-

metic test must enroll for and pass Math. 141 or 205, or any other 2-4 hour Math. course.

**Not required of students scheduling Hist. 207-208 or 408-409, or 320.

***May be satisfied by examination and credit will be allowed.

#Required of non-majors in the field. Majors will start work in the basic courses of their major field immediately upon enrollment. In addition, Social Science majors will take at least one course in two related fields. Physical Science and Biological Science majors will take at least one course in one related field.

xStudents fulfilling their 6 hour Science requirement with Phy. Sci. 201-202 must also schedule Health 102.

SPECIFIC REQUIREMENTS IN ALL MAJOR FIELDS

ART

MAJOR — 36 Sem. Hrs.

History of Art — 10

255 History and Appreciation of Art — 2
278 Ancient and Medieval Art — 3
377 Italian and Northern Renaissance Art — 3
378 Nineteenth Century and Contemporary Art — 3
477 Seminar in Art History — 2
478 Survey of Mexican Art — 3-6

Studio Work (One major area in Art) — 12

Ceramics and Sculpture

283 Modeling and Sculpture — 2
284 Modeling and Sculpture — 2
383 Ceramics — 3
384 Ceramics — 3
483 Advanced Sculpture — 2
484 Advanced Sculpture — 2

Commercial Art (Design)

291 Commercial Art — 3
292 Commercial Art — 3
391 Fashion Illustration — 3
392 Textile Design — 3
491 Interior Design — 3

Drawing and Printmaking

141 Art Structure — 2
142 Drawing — 2
241 Drawing from Life — 2
242 Drawing and Painting from Life — 3
341 Printmaking — 2
342 Printmaking — 2

Painting

361 Painting in Oil — 3
362 Painting in Oil — 3
363 Painting in Watercolor — 3
364 Painting in Watercolor — 3

365 Painting in Gouache 3
461 Advanced Painting in Oil 3
462 Advanced Painting in Oil 3
463 Painting in Any Medium 3
464 Mural Painting and Mosaic 3

Studio Work (Selected from two major areas; see courses listed under Ceramics and Sculpture, Commercial Art, Drawing and Printmaking, and Painting above). 14

MINOR IN ART 24 Sem. Hrs.
History of Art Courses (See Above) 4
Studio Work Courses (See Above) 20

BOTANY

MAJOR 32 Sem. Hrs.
Required Courses
101, 102 General Botany 8
230 Systematic Botany 2-4
240 Plant Ecology 4
310 Plant Physiology 3
330 Field Botany 2-4
Elective Courses
312 Garden Materials 3
314 Plant Geography 3
316 Economic Botany 3
415 Problems Course 2-5

MINOR IN BOTANY 24 Sem. Hrs.
Required Courses: 101, 102, 240, 310, 330; 5-8 hrs. from 312, 314, 316, 415.

BUSINESS

MAJOR 39 Sem. Hrs.
Required Courses (All Curricula) 24
Bus. 102 Principles of Business 3
201, 202 Principles of Accounting 6
306, 307 Business Law 6
Econ. 101 American Business & Industry 3
201, 202 Econ. Prin. and Problems 6
Required Courses from Business, Economics and Retailing (These courses must be selected from special curricula, in the above fields) 15
Language. No requirement, but French, German or Spanish is desirable.

MINOR IN BUSINESS 18 Sem. Hrs.
Required Courses: Bus. 102, 201, 202 9
Econ. 101, 201, 202 9

CHEMISTRY

MAJOR 28 Sem. Hrs.
Courses Required
101, 102 General Chemistry 8
201 Qualitative Analysis 4
240, 241 Quantitative Analysis 8
301, 303 Organic Chemistry 8
Language (French or German) 12 Sem. Hrs.
Minor in Chemistry (Not Offered)

ECONOMICS

MAJOR — 36 Sem. Hrs.

Required Courses

Econ. 101	American Business and Industry	3
201, 202	Econ. Prin. and Probs.	6
302	Economics of Labor	3
303	Money, Credit and Banking	3
402	Public Finance	3
403	International Economics	3
404	Comparative Econ. Systems	2
405	Hist. of Econ. Thought	2
407	Advanced Econ. Problems	2
Bus. 102	Prin. of Business	3
304	Marketing	3
401	Business Finance	3

Language, no requirement, but French, German or Spanish is desirable.

MINOR IN ECONOMICS — 18 Sem. Hrs.

Required Courses

Econ. 101; 201, 202; 302 or 303	12
Bus. 304; 401 or 402	6

ENGLISH

MAJOR — 36 Sem. Hrs.

Required Courses, Composition		10
102, 104 First Year Composition	6	
208, 302, 321, 413 Advanced Comp.	4	
Required Courses, Literature		19
202, 204 Eng. and Amer. Lit.	6	
313. 314, 330, 331, 341, 342, 353, 354, 418 Literature Electives	4	
318, 322, 324, 325, 326, 327, 440, 441 Additional Literature Groups	3	
351-352 or 361-362 Survey Courses	6	
Electives in English		7
Language (One, selected from French, Spanish or German)		12 Sem. Hrs.

MINOR IN ENGLISH — 24 Sem. Hrs.

Required Courses: Same as in major		12
Elective Courses: Composition	2	
Literature	10	

FRENCH

(In order to avoid repetition of the same material, the major and minor requirements in French are listed on page 54.)

GERMAN

(In order to avoid repetition of the same material, the major and minor requirements in German are listed on page 54.)

HEALTH

MAJOR — 39 Sem. Hrs.

Health Courses
- 102 Personal Health — 2
- 206 Home Nursing — 2
- 241 First Aid and Safety — 2
- 302 Community Health and Sanitation — 2
- 306 Marital Relations — 2
- 308 School Health Problems — 3
- 404 Physical Inspection — 2
- 408 Public Health Problems — 2
- 461 Organization and Administration — 3

Psychology
- 304 Child Psychology — 3
- 335 Psychology of Personality — 3

Zoology
- 350 Comparative Anatomy — 4
- 450 Human Physiology — 4

Home Economics
- 303 Nutrition — 3
- 330 Child Care and Development — 2

HISTORY

MAJOR — 30 Sem. Hrs.

(18 hours in American or European history;
12 in the other field of history).

Required Courses (American) — 12-18
- 207, 208 A Survey of U. S. History, or
- 408, 409 Growth of the American Nation — 6
- 304, 306 Latin American History, or
- 315, 316 Early American History, or
- 317, 318 History of South and West — 6
- 462 Intro. to Mthds of Research — 3
- Elective hours to complete requirement — 3

Required Courses (European) — 12-18
- 111, 112 Development of Social Institutions, or
- 221, 222 Modern Europe — 6
- 307, 308 English History, or
- 421, 422ab Recent History of the East — 6
- 462 Intro. to Hist. Research — 3
- Elective hours to complete requirement — 3

Language (French, German or Spanish) — 12 Sem. Hrs.

Economics, Georgraphy, Political Science, Sociology — 12 Sem. Hrs.

MINOR IN HISTORY — 18 Sem. Hrs.

(12 in American or European History;
6 in the other fields of history)
American: 207, 208; electives.
European: 101, 102 or 221, 222; electives.

HOME ECONOMICS

MAJOR — AB Degree—35 Sem. Hrs. BS Degree—39 Sem. Hrs.

Required	AB	BS
*101 Elementary Clothing	2	2
*102 Clothing Selection and Const.	3	3
*103 Principles of Clothing Selection	2	2
*201 Elementary Foods	3	3

*202 Advanced Foods	3	3
*210 Textiles	3	3
303 Nutrition	3	3
312 Consumer Education	3	
*315 Home Management	3	3
*320 Home Planning and Furnishing	4	4
330 Child Care and Development	2	2
340 Quantity Cookery		3
*351 Applied Design	2	2
403 Costume Design	2	
410 Advanced Textiles		3
414 Institutional Management		3
	35	39

Language (BS Degree): French, German, or Spanish — 6 Sem. Hrs.

HOME ECONOMICS AS A MINOR — 25 Sem. Hrs.

Required Courses: 101, 102, 103, 201, 202, 210, 303, 315.

*The courses starred indicate courses required for state certification.
Recommended for BS degree, Bot. 324, Zool, 310, Chem. 201, 301

INDUSTRIAL ARTS

(To avoid repetition of the same material, the full program for the Industrial Arts Department is listed on page 55.)

JOURNALISM*

MAJOR — 42 Sem. Hrs.

Required Courses

140 Introduction to Reporting	3
240 Advanced Reporting	3
302 Editing and Make-up	2
305 History of Journalism	3
312 Publication Problems	2
320 Advertising	3
412 Journalism Practice	2
470 Communication in Society	2
471 The Newspaper and Society	2
Economics 305	3
English 302, 304, 413	2
History 205	3
Political Science 206, 207, 302, 303	6
Spanish, French, or German	6

Additional suggested courses:
Art 291, 292, 391
Business 304, 306
Office Adm. 101 (Typing)
Philosophy 101, 210, 301
Psychology 205
Retailing 311
Speech 234, 400

MINOR IN JOURNALISM

Required courses: 140, 240, 302, 305, 312, 320, 412 — 18

*General recommendations of the American Association of Schools and Departments of Journalism have been observed in setting up requirements and courses.

MATHEMATICS*

MAJOR** — 37 Sem. Hrs.

Required Courses — 31

121	Solid Geometry***	3
221	College Algebra	4
231	Plane Trigonometry	3
251	Analytical Geometry	4
311	Navigational Trigonometry	3
321	Differential Calculus	4
331	Integral Calculus	4
401	Differential Equations	3
431	Theory of Determinants and Analytics of Space	3

Additional Courses (6 hrs. should be selected) — 6

341	Theory of Equations	3
351	Mathematics of Finance and Investment	3
361	Higher Algebra	3
405	Modern Geometry	3
411	Advanced Calculus	3
441	Projective Geometry	3

MINOR IN MATHEMATICS — 30 Sem. Hrs.

Required Courses: 121, 221, 231, 251, 311, 321, 331, 341, 401

*Bachelor of Science degree candidates in Mathematics should complete: (1) Minor in Physics by earning credit in Physics 101, 103, 310, 311; 320, 321 or 420, 421. (2) Language: 12 hours French or German.

**2 units of Algebra and 1 unit of Plane Geometry are required of students undertaking a major in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. I, Intermediate Algebra, and Math. III, Review Algebra. Plane Geometry may be made up in the Summer Laboratory School.

***3 semester hours may be deducted for Solid Geometry taken in high school.

MUSIC

MAJOR — 40 Sem. Hrs.

Required Courses

Theory — 12

101	Elementary Music	2
104	Sight Singing	2
203	Ear Training	2
311, 312	Harmony	4
401	Form and Analysis	2

Applied Music — 10

107-408	Piano	4
141-442	Voice	2
*275-492	Orchestral Inst.	4

Appreciation — 6

301	Appreciation	3
313	History	3

Conducting — 4

345	Choral Conducting	2
346	Instrumental Conducting	2

Participation — 8

165-466 Men's Chorus
167-468 Orchestra
169-470 Band
171-472 Women's Chorus
173-474 College Choir

MINOR IN MUSIC — 24 Sem. Hrs.

Theory: 101, 104, 203	6
Appreciation: 301	3
Applied Music	8
107-408 (Min. 3)	
141-442 (Min. 1)	
275-492 (Min. 3)	
Conducting: 345, 346	4
Participation (See Courses Above)	3

*Advanced work on a special orchestral instrument may be done to satisfy the 4 hours required in this group.

OFFICE ADMINISTRATION

MAJOR — 30 Sem. Hrs.

Required Courses — 30

101, 102	Beginning Typewriting (or equivalent)	4
211	Vocational Typewriting	2
201, 202	Beginning Shorthand (or equivalent)	8
301, 302	Advanced Shorthand and Transcription	8
311	Office Machines and Filing	2
401	Secretarial Practice	3
402	Cooperative Office Practice	3

Related Course Requirements

Bus. 201, 202 Principles of Accounting	6
Bus. 211 Business Correspondence	2
Bus. 306 Business Law	3
Bus. 308 or 309 Industrial Relations	3
Econ. 201, 202 Economic Principles and Problems	6
Econ. 302 Economics of Labor	3
Math 141 Business Math	2

Recommended Courses

Bus.	220 Prin. of Advertising	3
	304 Marketing	3
Econ.	303 Money, Credit and Banking	3
Geog.	204 Economic Geography	3
Hist.	320 Social and Economic History	3

MINOR (No minor in Office Administration recommended).

PHILOSOPHY AND RELIGION

MAJOR — 24 Sem. Hrs

Required Courses

101	Introduction to Philosophy	3	
201	Introduction to Systematic Methods of Study	3	6
301, 302, 303	Philosophic Thought in the West, I, II, III	6	
	or		
210	Intro. to Ethics	3	
211	Social Ethics	3	6

Elective Courses: To be selected from 300 or 400 courses * in Philosophy or Religion — 12

MINOR — 18 Sem. Hrs.

Required Courses: 101, 201	6
Elective Courses: To be selected from 300 or 400 courses	12

PHYSICAL EDUCATION

(In order to avoid repetition of the same material, the major and minor requirements in Physical Education are listed on pages 58-59.)

PHYSICS

MAJOR — 28-30 Sem. Hrs.

Required Courses in Physics — 28-30

- 101,103 General Physics, *or*
- 201, 211 Engineering Physics — 8-10
- 310, 311 Electricity and Electronics — 8
- 320,321 Mechanics — 6
- 420, 421 Atomic Physics — 6

Required Courses in Mathematics — 22

- 221 College Alegbra — 4
- 231 Plane Trigonometry — 3
- 251 Analytic Geometry — 4
- 321 Differential Calculus — 4
- 331 Integral Calculus — 4
- 401 Differential Equations — 3

MINOR IN PHYSICS — 22-24 Sem. Hrs.

Required Courses

Physics 101, 103 or 210, 211; 310, 311; 320, 321 or 420, 421

Mathematics: 221, 231, 251 — 11 Sem. Hrs.

POLITICAL SCIENCE

MAJOR (A) — 31 Sem. Hrs.

Required Courses:

- 101 Fundamentals of Political Science — 3
- 203 Comparative Government — 3
- 206 American State & Local Government — 2
- 207 American Municipal Government — 2
- 302 American Government — 3
- 303 Political Parties and Public Opinion — 3
- *305 American Diplomacy — 3
- 307 History of Political Thought — 3
- x309 The Growth and Development of Law — 2
- x310 English Constitutional Law — 2
- *406 International Problems — 3
- 407 The Legislative Process — 2
- 408 The Judiciary — 2
- 409 The Administrative Process — 2
- 462 Introduction to Methods of Research and Bibliography — 3

Language (German, French, or Latin) — 12 Sem. Hrs.

MINOR — 19 Sem. Hrs.

Required Courses:

101; 203; 302; 307; 309; 206 or 207; 305 or 406

*Three hours should be selected from these courses.

x309 or 310 may be substituted for 408 or 409. Geography 305 may be considered as an acceptable substitution in certain cases.

MAJOR (B)

This course of study is designed to care for those students wishing to complete three years of academic work at Fairmont State College and then enter law school. If the general requirements for graduation are met in this period, the final group of hours required to make a total of 128 may be taken in a recognized law school.

*Required courses

- 101 Fundamentals of Political Science — 3
- 203 Comparative Government — 3

302	American Government	3
307	History of Political Thought	3
309	Growth and Development of Law	2
310	English Constitutional Law	2
		16

*For a suggested outline of pre-law courses covering the first three years in this college, and including the above major courses, see page

PSYCHOLOGY

MAJOR — 29 Sem. Hrs.

Required Courses

203, 204	General Psychology	6
205	Applied Psychology	3
304	Child Psychology	3
335	Psychology of Personality	3
336	Abnormal Psychology	3
400	Psychometrics	2
402	Advanced Psychology Seminar	3
404	Psychology of Learning	3
430	Methods of Research	3

MINOR IN PSYCHOLOGY — 12 Sem. Hrs.

Required Courses: 203, 204, 205, 335

RECREATION*

MAJOR — 34 Sem. Hrs.

Health		4
241	First Aid and Safety Ed.	2
302	Community Health and Sanitation	2
*308	School Health Problems	2
Theory (Recreation)		14
241	Intro. to Recreation	2
*341	Workshop and Recreation Institutes	2
*344	Recreational Leadership	1
345	Practice Leadership	2
346	Philosophy of Recreation	2
*347	Leisure in the Modern World	2
442	Camping and Youth Organizations	2
443	Community and Industrial Recreation	3
445	Organization and Administration of Recreation and Playgrounds	3
Sports in Recreation		10
115 or 116	Fr. Orientation	1
P.E. 131	Beg. Swimming	1
214	Leadership in Graded Games	2
231	Intermediate Swimming	1
*237	Fundamentals of Tennis	1
315	Intramural Program	2
317	Stunts and Tumbling	1
*331	Swimming Techniques and Life Saving	1
*337	Advanced Tennis	1
Rec. 324*	Archery and Badminton	1
336	Co-recreational Activities	2
339*	Bowling	1

Rhythms and Creative Arts 6

P.E. 325	Folk Dancing	1
425*	Children's Rhythms	1
Rec. 126	Rhythmic Activities	1
325*	Square Dancing	1
I.A. 314	Plastics and Crafts, I	2
414*	Plastics and Crafts, II	2
Sp. 331*	Children's Theatre	1
Art 156	Creative Exp. in App. Art	2

*Courses marked with the asterisk are electives.

RETAILING

MAJOR 30 Sem. Hrs.

Required Courses 21

105, 106	Principles of Retailing	6
205	Salesmanship	3
210 or 211	Merchandise Information	3
306, 307	Merchandising	6
Bus. 304	Marketing	3

Elective Courses 9

210, 211, 212	Merchandise Information	3-6
305	Store Org. and Operation	3
311	Display	3
314	Fashion Fundamentals	2
320	Interior Decoration	2
325	Conference Leading	2
405	Personnel Mgt.	3

MINOR (not offered in Retailing)

SOCIAL SCIENCE

MAJOR 30 Sem. Hrs.

Required Courses

111-112	Dev. of Social Institutions	6
201-202	Fundamental Social Probs.	6
*Elective Courses		18

To be chosen from at least *three* of the following fields: History, Economics, Sociology, Political Science, Geography, Psychology, Philosophy.

MINOR IN SOCIAL SCIENCE 18 Sem.Hrs.

Required Courses: Same as in major 12

*Elective Courses: To be chosen from *two* of the fields listed above.

*One-half of the elective courses must be selected from courses numbered 300 or above.

SOCIOLOGY

MAJOR 24 Sem. Hrs.

Required Courses 9

Soc. 120, 121,	Introductory Soc.	6
Soc. 460	Methods of Research	3

Elective Courses (Select 15 hrs.) 15

240	The Family	3
301	Anthropology	3

320	Rural Sociology	3
330	Urban Sociology	3
350	Criminology	3
440	Population Problems	3
450	Minority Groups	3
490	Special Problems in Soc.	3

MINOR IN SOCIOLOGY — 18 Sem. Hrs.

Soc. 120, 121	6
Elective courses from list above	12

SPANISH

(In order to avoid repetition of the same material, the major and minor requirements in Spanish are listed on page 61.)

SPEECH AND DRAMATICS

(In order to avoid repetition of the same material, the major and minor requirements in Speech are listed on page 61.)

ZOOLOGY

MAJOR — 30 Sem. Hrs.

Required Courses

Biol. 101, 102 General Biology, or Bot. 103 and Zool. 103 General Botany, or Zoology	6- 8
Zool. 315 Field Zoology	3- 4
*320 Invertebrate Zoology	4
321 Vertebrate Zoology	4
350 Comparative Anatomy	4
*380 Introduction to Genetics	3
*410 Histological Technique	1- 4
*411 Histology	2- 4
*415 Problems in Zoology	1- 4
*420 Vertebrate Embryology	4
*450 Human Physiology	4
*To be selected from these courses	10-11

Chemistry	8 Sem. Hrs.
Physics	8 Sem. Hrs.
Recommended Courses	
French or German	12 Sem. Hrs.
College Mathematics	6 Sem. Hrs.

ZOOLOGY AS A MINOR — 20 Sem. Hrs.

Required Courses: Biol. 101-102 or Bot. 103-Zool. 103.	6- 8
Zool. 315, 320, 321, 350	12

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE IN EDUCATION

INTRODUCTION

The Department of Education of Fairmont State College is responsible for providing prospective teachers with opportunities to develop those broad understandings and skills which are essential in the development of the educated citizen as well as the successful teacher. Fairmont's teacher education program seeks to achieve these objectives by proper emphasis on the following elements: general education, professional education, and specialized education.

The State Board of Education has adopted a program of general and professional education which is required of all students preparing for teaching. This program includes 42 hours of required work, offered on the lower division level, that is, during the freshman and sophomore years. Under this program a student need not select the curriculum for his last two years of specialized and professional work until the beginning of his third year.

COURSES OF INSTRUCTION

Fairmont State College offers three curricula leading to the degree of Bachelor of Arts in Education. In addition, students completing Curriculum A will be entitled to a First Class High School Certificate; students completing Curriculum B to a First Class Elementary Certificate; and students completing Curriculum C to the Public School Certificate. Fairmont State College also offers all courses required for the issuance of certificates inferior to those of the first class level named above. Courses of study leading to non-academic permits and special certificates in Art, Music, Industrial Arts, and Physical Education are also available.

Prospective students, who have begun their academic work in an earlier period, and who now seek to qualify for a second or third class, or some other certificate, are urged to confer with the Chairman of the Department of Education, or the Registrar, as to the most convenient way to attain the certification they may desire. The detailed outline of the several curricular requirements to be found in following sections is concerned primarily with the needs of students whose academic program began in September, 1949, or later.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of his chosen curriculum. It is the student's responsibility also to keep informed on his grade-point standing. All of this information may be obtained from the student's adviser or from the Registrar's office at any time.

Students not now interested in a four-year teacher education program may arrange a schedule of study which will prepare them to meet certification requirements at some later date. Such students should consult with the Chairman of the Department of Education.

STUDENT TEACHING

Student teaching is required in all curricula. At the present time, elementary school training is provided at Jayenne School for graded school work and at Union School for rural work. Both are under the joint direction of Fairmont State College and the Marion County Board of Education. Secondary training is given in connection with local Marion County junior and senior high schools.

Eligibility for student teaching is determined by the ability of the student to meet the following requirements:

1. Minimum earned credits in academic and professional courses as follows:
 a. For enrollment in Ed. 250, 32 semester hours including 6 hours in education courses.
 b. For enrollment in Ed. 420, 425, 450, 90 semester hours including 12 hours in education courses.
 c. For enrollment in Ed. 450, an additional requirement that three-fourths of the required work in each teaching field shall have been completed.
2. An average of not less than "C".
 a. On all credits to be counted toward graduation.
 b. On all credits in areas of concentration or teaching fields.
 c. On all credits earned in the department of education.
3. A statement from the college health department showing that regulations for a health examination have been complied with.
4. A permit from the student's adviser showing semester hours and quality points earned. This permit must be countersigned by the Registrar.

All students seeking degrees under Curricula A, B, and C will be required to complete a total of six hours in student teaching. Assignments for student teaching work will usually involve a half day of time daily over the course of an entire semester.

TEACHER EXAMINATION

Graduating seniors, who expect to be recommended for a first class teaching certificate, are required to take the National Teachers Examination. This is a comprehensive examination designed to serve the purpose of self-analysis for the student as to aptitude for teaching, and as a means of indicating weaknesses in in the student's preparation for teaching which may be improved in the period remaining before graduation. This examination may be taken only after the student has completed successfully a minimum of 96 credit hours, 12 hours in the field of professional education, including educational psychology or its equivalent, and two-thirds of the hours required in the student's major teaching field or fields.

ADJUSTMENTS

Students who began their work in September, 1949, or later, will be expected to meet the requirements in general and professional education listed below. Students who have begun their work previously may follow the program of general requirements under which they have been proceeding.

In view of changing requirements. there may be some need for adjustments to be made in the individual student's program. The Committee on Academic Affairs may make such adjustments as may seem to meet fairly the several situations involved.

SUMMARY OF CURRICULA REQUIREMENTS

Candidates for the degree of Bachelor of Arts in Education must have 128 semester hours of credit and 256 quality points as a minimum requirement for graduation. Forty-five hours of the requirement must be earned in courses numbered within the 300-499 levels. In addition all requirements in one or more curricula must be completed.

GENERAL REQUIREMENTS

(All Curricula)

Areas of Study	Specific Courses			Credit Hours
	Cur. A	Cur. B	Cur. C	
Art*	255	155, 156, 255	155, 156, 255	2-6
English Composition*#	102, 104, 208	102, 104, 208	102, 104, 208	9
Geography		305	305	3
Health		308	308	2
History*x	330	302, 330	302, 330	3-6
Library Science*	101	101	101	1
Literature*#	202, 204	202, 204, 207	202, 204, 207	6-9
Mathematics**#		203 or 205	205	2-4
Music*	205	101, 102, 205	101, 102, 205	2-6
Physical Education*	101, 111 (W) 115, 116 (M)	101, 111 (W) 115, 116 (M) 214	101, 111 (W) 115, 116 (M) 126, 314, El. (1)	2-6
Science*#				6-12
Biological Sci.z Physicial Science	101, 102, or 201, 202 or 315, 316	101, 102, or 201, 202 or 315, 316	101, 102, or 201, 202, or 315, 316	
Social Science*#				12
Hist. or Soc. Sci.	111, 112 201, 202	111, 112 201, 202	111, 112 201, 202	
			Total	43-76

* Required as part of the program of general education.

** Students failing the standardized arithmetic test given the time of enrollment must enroll for and earn credit in Math. 203 or 205. Cur. A students may also schedule Math. 141 or any other 2-4 hour Mathematics course.

\# May be satisfied by examination and credit will be allowed.

x Hist. 330 is not required of students scheduling Hist. 207-208 or 408-409 or 320.

z Students scheduling Phy. Sci. 201-202 only must also schedule Health 102.

PROFESSIONAL REQUIREMENTS

(All curricula)

Subjects*	Specific Courses			Credit Hours
	Cur. A	Cur. B	Cur. C	
Educational Psychology	202, 203	202, 203	202, 203	6
Prin. & Methods of Tchg,				
Elementary School		226, 336	226, 422	6
Secondary School	432			4
Human Adjustment	325	325	325	3
Survey of Guidance	395			2
Tests and Measurements	306		306	2
Directed Teaching**	450	250, 420	250, 425	6
W. Va. School System		324		2

* In order to meet the needs of teachers-in-service, it may be necessary to offer certain courses in addition to those listed above.

** Students in Curriculum A must complete their directed teaching work on the junior or senior high school level in the field or fields selected for concentration, with not less than two hours in any one field, but preferably a 3-3 ratio.

Students in Curriculum B must include directed teaching in the primary and intermediate or primary and upper grade levels.
Students in Curriculum C must complete work in directed teaching on two elementary levels and on the secondary level in both fields, if two are offered for graduation.

If students completed Ed. 250 in the Third Class Elementary Curriculum, they should enroll for Ed. 420, 3 hrs., in Curriculum B, or Ed. 425, 3 hrs., Curriculum C; otherwise they should enroll in Ed. 420 or 425 for 6 hrs. credit.

CURRICULUM A

1. Curriculum A is planned for the students who wish to prepare for teaching in the junior and senior high schools of West Virginia. This curriculum includes the following:

General education courses	43 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Teaching field or fields	62 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education courses total 43 semester hours and include the following:

Art 255	2	Music 205	2
Biology 101, 102 or		Physical Education 101, 111 (W);	
Phy. Sci. 201, 202 or 315, 316	6	115, 116 (M)	2
English (Comp), 102, 104, 208	9	Social Science	12
English (Lit), 202, 204	6	Hist. 111-112 or Soc. Sci.	
History 330	3	111-112 (6)	
Library Science 101	1	Social Science 201-202 (6)	
		Total	43

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 202, 203	6	Ed. 432	4
Ed. 306	2	Ed. 450	6
Ed. 325	3		
Ed. 395	2	Total	23

4. Students must complete all requirements in at least one teaching field, and it is strongly recommended, when at all possible, that a second field also be completed. While the number of hours in the several teaching fields offered by Fairmont State College are usually somewhat higher than the minimum hours required for state certification, a second field may be completed by scheduling only the minimum number of hours. Teaching fields are now available as follows:

Art
Biological Science
Biological and General Science
Commerce—Business Principles
Commerce—Occupational (Office Administration)
Distributive Education
English
French
German
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physical Science
Physical and General Science
Social Science
Spanish
Speech

CURRICULUM B

1. Curriculum B has been organized for those students who wish to prepare for teaching in the elementary schools of West Virginia. This curriculum contains the following:

General education and other required courses	72 Sem. Hrs.
Professional courses	23 Sem. Hrs.
Specialized courses and electives	33 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 72 semester hours and include the following:

Art 155, 156, 255	6	Mathematics 203	2
Biology 101, 102	6	Music 101, 102, 205	6
English (Comp), 102, 104, 208	9	Physical Education 101, 111 (W); 115, 116 (M); 214	4
English (Lit), 202, 204, 207	9	Physical Science 201, 202 or 315, 316	6
Geography 305	3	Social Science	12
Health 308	2	Hist. 111-112 or Soc. Sci 111-112 (6) Soc. Sci. 201, 202 (6)	
History 302, 330	6		
Library Science 101	1		
		Total	72

3. Professional courses include 23 semester hours as a minimum; 24 as the maximum acceptable. These courses are:

Ed. 202, 203	6	Ed. 336	3
Ed. 226	3	Ed. 250 (3), 420 (3) or 420	6
Ed. 324	2		
Ed. 325	3	Total	23

4. Specialization is recommended in one or more of the fields listed in (2) above. This may be obtained by adding courses to the minimum required in each field.

CURRICULUM C

1. Curriculum C is planned for those students who wish to qualify for teaching both in the elementary and high schools. This curriculum has the following requirements:

General education and other required courses	76 Sem. Hrs.
Professional courses	25 Sem. Hrs.
Specialized courses and electives	27 Sem. Hrs.
Total	128 Sem. Hrs.

2. General education and other courses required in this curriculum total 76 semester hours, and include the following:

Art 155, 156, 255	6	Physical Education 101, 111 (W); 115, 116 (M); 126, 214, El. (1)	6
Biology 101, 102	6	Physical Science 201, 202 or 315, 316	6
English (Comp), 102, 104, 208	9	Social Science	12
English (Lit), 202, 204, 207	9	Hist. 111-112 or Soc. Sci. 111-112 (6) Soc. Sci. 201, 202 (6)	
Geography 305	3		
Health 308	2		
History 302, 330	6		
Library Science 101	1		
Mathematics 205	4		
Music 101, 102, 205	6	Total	76

3. Professional courses include 23 semester hours as a minimum; 26 hours as the maximum acceptable.

Ed. 202, 203	6	Ed. 325	3
Ed. 226	3	Ed. 422	3
Ed. 306	2	Ed. 250 (3), 425 (3) or 425	6
		Total	23

4. Specialization is required in two teaching fields, unless home economics, industrial arts, or commerce are offered as teaching fields. In a number of fields, specialization may be obtained readily by adding courses to the minimum required in (2) above.

SPECIFIC REQUIREMENTS IN ALL TEACHING FIELDS

ART*

Required Courses		40 Sem. Hrs. Min. Required
Freehand Drawing		6
141 Art Structure	2	
142 Drawing	2	
241 Drawing from Life	2	
242 Drawing & Painting from Life	3	
Design		6
391 Fashion Illustration	3	
392 Textile Design	3	
491 Interior Design	3	
Painting and Modeling		6
283, 284 Modeling and Sculpture	4	
361, 362 Painting in Oil	6	
363, 364 Painting in Watercolor	6	
365 Painting in Gouache	3	
History and Appreciation		6
255 History and Appreciation of Art	2	
278 Ancient and Medieval Art	3	
377 Italian & North. Ren. Art	3	
378 Nineteenth Cen. & Cont. Art	3	
477 Seminar in Art History	2	
Art Education		6
155 Creative Exp. in Fine Arts	2	
156 Creative Exp. in App. Arts	2	
355 Mtls and Tech. for H. S.	2	
356 Crafts for H. S. Teachers	2	
Suggested Electives (See list below)		10
Ceramics		
Landscape Architecture		
Sculpture		
Adv. History and Appreciation		
Advanced Painting		
Jewelry		
Commercial Art		
Bookbinding		

*The 40 hour requirement listed qualifies for the Special Non-academic Certificate in Art. A First Class High School Certificate in Art is available upon completion of 24 hours from the above outline of courses with a minimum of 6 hours drawn from the freehand drawing group, the design group, the painting and modeling group, and the history and appreciation group.

The Special Non-academic Certificate in Art is valid for five years for teaching and supervising art in the elementary and secondary schools of West Virginia.

BIOLOGICAL SCIENCE — 32 Sem. Hrs.

Required Courses — 14
- Biol. 101, 102 General Biology, or
- Bot. 103 and Zool. 103 General Botany and Zool. — 6-8
- Botany 330 Field Botany — 3
- Zool. 315 Field Zoology — 3

Elective Courses — 10
- Bot. 240 Plant Ecology — 4
- 310 Plant Physiology — 4
- 314 Plant Geography — 3
- 324 Bacteriology — 3
- 340 Morphology — 4
- 371 Plant Anatomy — 2-4
- 400 Bryophytes and Pteridophytes — 3-5
- Zool. 320 Invertebrate Zool. — 4
- 321 Vertebrate Zool. — 4
- 322 Ornithology — 2
- 350 Comparative Anatomy — 4
- 370 Principles of Animal Ecology — 3
- 380 Introduction to Genetics — 2-3
- 420 Vertebrate Embryology — 4
- 450 Human Physiology — 4

Chemistry — 8
- Chem. 101, 102 — 8

BIOLOGICAL AND GENERAL SCIENCE — 44 Sem. Hrs.

Required Courses — 14
- Biol. 101, 102, **or** General Biology
- Bot. 103 and Zool. 103 and Zool. General Botany — 6-8
- Bot. 330 Field Botany — 3
- Zool. 315 Field Zoology — 3

Elective Courses — 10
- (See detailed courses listed under Biological Science immediately above)

Chem. 101, 102 General Chemistry — 8

Physics 101, 103 General Physics — 8

Geology 302 Geology: Historical — 2-3

COMMERCE—BUSINESS PRINCIPLES* — 27 Sem. Hrs.

Required Courses	Min. Hrs.
Bus. 201, 202—Prin. of Accounting	6
Bus. 304—Marketing	3
Bus. 306—Business Law	3
Econ. 201, 202—Econ. Prin. & Probs.	6
Econ. 303—Money, Credit and Banking	3
Math. 141—Business Mathematics	2
Off. Adm. 101, 102 Typing	4

*For preparation in this field students are advised to complete Bus. 211, 2 hrs.

COMMERCE-OCCUPATIONAL — 39 Sem. Hrs.

(In order to avoid repetition of material, the outline of requirements in this field is given under Office Administration, page 58.)

DISTRIBUTIVE EDUCATION* — 42 Sem. Hrs.

Retailing (Required courses)			27
105, 106	Principles of Retailing	6	
205	Salesmanship	3	
210	Merchandise Inf: Textiles	3	
306, 307	Merchandising	6	
350, 351	Experience in Merchandising	6	
Business			
304, 308, 309	Marketing, Ind. Org. or Rel.	3	
Education (Required courses)**			6
401	Organization and Adm. of Dist. Educ.	2	
402	Coordination and Super. of Dist. Educ.	2	
403	Development of Instr. Mtls. Dist. Educ.	2	
Electives (Required hours)			9
Retailing			
211	Mdse. Int: Non-Textiles	3	
212	Merchandise Information: Foods	3	
305	Store Org. and Operation	3	
311	Display	3	
314	Fashion Fundamentals	2	
320	Interior Decoration	2	
325	Conference Leading	2	
405	Personnel Management	3	
Journalism			
320	Advertising	3	
Economics			
303	Money, Banking and Credit	3	
Electives in Education (Suggested but not required)			
306	Tests and Measurements	2	
395	Guidance	2	
424	Visual Aids in Education	2	
Electives in Distributive Education			
330	Philosophy and Practice of Vocational Education	2	
404	Evening School Distributive Education	2	

*The above program is in accordance with the West Virginia State Plan for Distributive Education, which has been officially approved.

**These six hours may be counted under the total of the 24 hours of professional requirements.

ENGLISH — 36 Sem. Hrs.

Required Courses, Composition			12
102, 104	First Year Written & Spoken English	6	
208	Second Year Written & Spoken English	3	
321	Study of the English Language	3	
Required Courses, Literature			19
202, 204	Study & Appreciation of English & Amer.	6	
351-352 or 361-362	Survey Courses	6	
313, 314, 330, 331, 341, 342, 353, 354, 418	Electives in Literature	4	
318, 322, 324, 325, 326, 327, 440, 441,	Additional Literature Groups	3	
Required Courses, Special Activities			2-3
Journalism or Library Science*			
Elective Courses, English			2-3

*Children's Literature is not acceptable as Library Science.

FRENCH* 24 Sem. Hrs.

MAJOR

Required Courses

101, 102	Elementary French or equivalent	6
201, 202	Second Year French	6
**301	Literature of the 17th Cent.	3
**302	Literature of the 18th Cent.	3
**309	Adv. Grammar and Comp.	2-3
**421	The Romantic Movement	3
**422	French Literature Since 1850	3
**431	French Civilization and Culture	3

Language (Spanish) 12 Sem. Hrs.

MINOR IN FRENCH 18 Sem. Hrs.

Required Courses

101, 102	or equivalent	6
201, 202,	and electives	12

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**12 hours should be selected from courses marked with asterisks.

GERMAN* 24 Sem. Hrs.

Required Courses

101, 102	First Year German or equivalent	6
201, 202	Intermediate German	6
301	Advanced German	3
	and/or	
302	Oral German	3
**305	German Lit. of the Twentieth Century	3
**315, 316	Survey of German Literature	6
**408	German Lit. of the Classical Period	3
**422	Nineteenth Century German Lit.	3

MINOR IN GERMAN 18 Sem. Hrs.

Required Courses

101, 102	or equivalent	6
201, 202,	and electives	12

* 2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

** 6 hours should be selected from courses marked with an asterisk.

HOME ECONOMICS* 35 Sem. Hrs.

Required Courses

101	Elementary Clothing	2
102	Clothing Selection and Const.	3
103	Principles of Clothing Selection	2
201	Elementary Foods	3
202	Advanced Foods	3
210	Textiles	3
303	Nutrition	3
315	Home Management	3
320	Home Planning and Furnishing	4
330	Child Care and Development	2
340	Quantity Cookery	3
351	Applied Design	2
406	Techniques	2

*In addition to the above requirements, teachers of Vocational Home Economics must complete 12 hours in Biology and 8 hours in Chemistry. At the present time, Fairmont State College does not prepare teachers for this type of Home Economics teaching.

INDUSTRIAL ARTS 41 Sem. Hrs.

Required Courses 21 Sem. Hrs.

101 General Bench Woodworking 2
110 General Shop I 2
130 Elementary Applied Electricity 2
134 Machine Shop I 2
140 Mechanical Drawing 2
202 Machine Woodworking 2
242 Architectural Drawing I 2
322 General Shop II 2
325 Organization and Administration of Industrial Arts 2
*335 Philosophy of Industrial Arts 3

**Elective Courses (Select ten in at least two course areas to develop fields of specialization) 20 Sem. Hrs.

#212 Printing I 2
#215 Auto Mechanics I 2
220 Sheet Metal I 2
230 Electricity II 2
234 Machine Shop II 2
303 Furniture Construction and Design 2
304 Cabinet Making I 2
308 Wood Finishing 2
#312 Printing II 2
314 Plastics and Crafts I 2
#315 Auto Mechanics II 2
320 Sheet Metal II 2
334 Machine Shop III 2
342 Architectural Drawing II 2
345 Acetylene Welding 2
346 Arc Welding 2
350 Machine Drawing I 2
360 Shop Planning 2
#362 General Graphic Arts 2
#365 Auto Mechanics III 2
388 Cabinet Making II 2
404 Building Construction I 4
405 Building Construction II 4
408 Cabinet Making III 2
414 Plastics and Crafts II 2
#415 Driver Education 2
420 Sheet Metal III 2
422 General Shop III 2
434 Machine Shop IV 2
442 Architectural Drawing III 2
450 Machine Drawing II 2
462 Architectural Drawing IV 2
474 Industrial Maintenance 2-3
475 Mill Wrighting 2-3
490 Methods and Materials of Teaching I. A. 2

#Not offered during 1951.

EVENING SCHOOL PROGRAM

The Industrial Arts evening program is organized so as to provide a reasonable degree of flexibility in its offerings. The courses listed below are primarily open only to those enrolled in the evening program. Students regularly enrolled should not schedule these classes without permission, and cannot receive more than two (2) semester hours of credit for each class.

134 (N) Machine Shop I 2-3
140 (N) Mechanical Drawing 2-3
202 (N) Machine Woodworking 2-3
234 (N) Machine Shop II 2-3
242 (N) Architectural Drawing I 2-3
304 (N) Cabinet Making I 2-3
314 (N) Plastics and Crafts I 2-3
342 (N) Architectural Drawing II 2-3
345 (N) Acetylene Welding 2-3
346 (N) Arc Welding 2-3
350 (N) Machine Drawing I 2-3
414 (N) Plastics and Crafts II 2-3

MINOR IN INDUSTRIAL ARTS 24 Sem. Hrs.

Required Courses
101, 110, 130, 134, 140, 202, 242, 322, 325; plus six (6) additional hours from two (2) subject areas, arranged in technical sequences.

*Must be scheduled by all candidates for the teaching degree; recommended for all other students.

**Students transferring from the Engineering curriculum to Industrial Arts may receive credit for the following Engineering courses:

112, 113, 115, 131, 209, 212.

Industrial Arts students should elect Botany 122, Characteristics of Materials, 2 hrs.

LIBRARY SCIENCE* 16 Sem. Hrs.

Fairmont State College is offering sufficient courses in Library Science to enable prospective "teacher-librarians" to meet the North Central Association of Colleges and Secondary Schools requirements for high schools enrolling up to 500 students. Some of the courses scheduled will be offered only in alternate years. Students planning to complete this requirement should arrange to take most of these courses in the last two years of their college work. West Virginia does not certify librarians at this time.

Library Science Courses
101 The use of the Library 1 hour
207 Children's Literature and Story Telling 3
302 School Library Administration 3
303 Cataloging and Classification 3
305 Selection and Use of Secondary School Library Materials 2
306 Reference and Bibliography 2
404 Practice Work 2-3

*O. A. 101, or its equivalent, should be taken before enrollment in any 300 or 400 level Library Science courses, except 305. Library Science 101 or its equivalent, is a prerequisite to all other courses except 207.

MATHEMATICS* 28 Sem. Hrs.

Required Courses 22
121 Solid Geometry** 3
221 College Algebra 4
231 Plane Trigonometry 3
251 Analytic Geometry 4
321 Differential Calculus 4
331 Integral Calculus 4

Elective Courses (Select 6 hrs.) 6

311	Navigational Trigonometry	3
341	Theory of Equations	3
401	Differential Equations	3
405	Modern Geometry	3

*2 units of Algebra and 1 unit of Plane Geometry are required of students planning a teaching field in Mathematics. If a student cannot meet this requirement when he enters, he may meet it adequately by taking Math. I, Intermediate Algebra, and Math. III, Review Algebra. Plane Geometry may be made up in the Summer Laboratory School.

**3 semester hour may be deducted for Solid Geometry taken in high school.

MUSIC* 54 Sem. Hrs.

Theory 12

101	Elementary Music	2
104	Sight Singing	2
203	Ear Training	2
311, 312	Harmony	4
401	Form and Analysis	2

Applied Music 17

107, 408	Piano (Min. 5)	5-6
141-442	Voice (Min. 2)	5-6
211-212	Beg. String Class	2
213, 214	Beg. Brass Class	2
215, 216	Beg. Woodwind Class	2
**275-492	Special Orchestral Instrument	4

Appreciation 9

301	Music Appreciation	3
313, 314	Music History	6

Conducting 4

345	Choral Conducting	2
346	Instrumental Conducting	2

Participation 8

165-466 Men Chorus
167-468 Orchestra
169-470 Band
171-472 Women's Chorus
173-474 College Choir

Music Education 4

102	Mthds & Mtls for El. Grades	2
431	Mthds & Mtls for Sec. Schools	2

*The 54 semester hour requirement listed qualifies for the Special Non-academic Certificate in Music. A First Class High School Certificate in Music is available upon completion of 40 hours from the above outline of courses. This certificate requires 10 hours in the Theory group; 9 in the Applied Music group; 9 in the Appreciation group; 10 in the Conducting group; and 2 in the Music Appreciation group.

**Advanced work on a special orchestral instrument may be done to satisfy four of the hours required in this block.

OFFICE ADMINISTRATION (Commerce-Occupational) — **39 Sem. Hrs.**

Required Courses			Min. Required
Accounting			6
Bus. 201, 202	Principles of Accounting	6	
Typewriting			4
O. A. 101, 102	Beginning Typewriting	4	
*O. A. 211	Vocational Typewriting	2	
Shorthand and Transcription			8
O. A. 201,202	Beginning Shorthand	8	
*O. A. 301,302	Advanced Shorthand and Transcription	8	
Secretarial Practice			5
O. A. 311	Office Machines and Filing	2	
O. A. 401	Secretarial Practice	3	
Related Courses			13
Bus. 211	Business Correspondence	2	
306	Business Law	3	
Econ. 201, 202	Econ. Prin. and Prob.	6	
Math. 141	Business Math. or equivalent	2	
Retailing, Salesmanship, or Advertising			3
Ret. 105	Principles of Retailing, or	3	
205	Salesmanship, or	3	
305	Merchandising, or	3	
Jour. 320	Principles of Advertising	3	

*O. A. 211 and 301 must be scheduled.

PHYSICAL EDUCATION (Men)*

MAJOR — **30 Sem. Hrs.**

Required Courses		
Health Education Courses		4
102 Personal Health	2	
308 School Health Problems	2	
Team Sports		7
115 Freshman Orientation	1	
320 Coaching & Officiating: Bkbl. & Bbl.	3	
321 Coaching & Officiating: Bkbl. & Bbl.	3	
Rhythmic Activities		1
126 Rhythmic Activities	1	
325 Folk Dancing	1	
Recreational Activities		6
116 Freshmen Orientation	1	
131 Beginning Swimming	1	
231 Intermediate Swimming	1	
324 Square Dancing	1	
331 Swimming Techniques and Life Saving	2	
336 Co-recreational Activities	2	

Fairmont State College Library Fairmont, W. Va.

School and Community Activities 4
241 First Aid and Safety Education 2
442 Campcraft & Youth Organization, **or**
443 Community & Industrial Recreation 2-3

Theory Courses 4
404 Corrective Physical Education 2
461 Prin. Org., & Adm. of Phy. Ed. 2

Basic Science 4
310 Human Anatomy 2
311 Kinesiology 2

*No credit in Physical Education is allowable for participation in intercollegiate sports.

PHYSICAL EDUCATION (Women) 35 Sem. Hrs.

Health 6
102 Personal Health 2
308 School Health Problems 2
404 Physical Inspection and Correction 2

Theory 4
351 History and Principles 2
361 Methods for Secondary Schools 2
461 Organization and Administration 2

Basic Sciences 4
310 Anatomy and Physiology 2
311 Kinesiology 2

Team Sports 6
117 Skill Techniques 1
119 Skill Techniques 1
217 Skill Techniques 1
219 Skill Techniques 1
315 Intramural Program 2

Individual and Dual Sports 5
131 Beginning Swimming **or** 1
231 Intermediate Swimming 1
237 Fundamentals of Tennis **or**
337 Advanced Tennis 1
317 Stunts and Tumbling 1
324 Archery and Badminton (Rec) 1
331 Swimming Techniques and Life Saving 2

School and Community Activities 6
Health 241 First Aid and Safety Education 2
Phy. Ed. 214 Leadership in Grading Games 2
Rec. 336 Co-recreational Activities 2
Rec. 442 Camping and Youth Organizations 2
Rec. 443 Community and Industrial Recreation 2

Rhythms 4
P.E. 226 Techniques of Modern Dance 1
325 Folk Dancing 1
326 Modern Dance 1
Rec. 325 Square Dancing 1

PHYSICAL SCIENCE — 36 Sem. Hrs.

Chemistry — 16
- 101, 102 General Chemistry — 8
- 201 Qualitative Analysis — 4
- 240, 241 Quantitative Analysis — 8
- 301, 303 Organic Chemistry — 8

Physics — 16
- 101, 103 General Physics — 8
- 310, 311 Electricity and Electronics — 8

Electives (Physical Science only) — 4

PHYSICAL AND GENERAL SCIENCE — 44 Sem.Hrs.

Required Courses

Chemistry — 16
- 101, 102 General Chemistry — 8
- 201 Qualitative Analysis — 4
- 240, 241 Quantitative Analysis — 8
- 301, 303 Organic Chemistry — 8

Physics — 16
- 101, 103 General Physics — 8
- 310, 311 Electricity and Electronics — 8

Biology — 9
- 101, 102 General Biology — 6
- 380 Intro. to Genetics — 3

Geology — 2-3
- 302 Geology: Historical — 2-3

SOCIAL SCIENCE — 42 Sem. Hrs.

General Courses — 15
- Hist. 111-112 **or** Soc. Sc. 111-112, Devel. of Social Institutions — 6
- Soc. Sci. 201, 202, Fundamental Social Problems — 6
- Soc. Sci. **or** Hist. 462, Intro. to Methods of Research — 3

History — 15
- 207, 208 Survey of U. S. History — 6
- 221, 222 Modern Europe — 6
- 302 History of West Virginia — 3

Economics — 3
- 230 **or** 305 Economics Principles — 3

Geography — 3
- 204 Economic Geography, **or**
- 305 World Political Georgraphy — 3

Political Science — 3
- 302 American Government — 3

Sociology — 3
- 240, 301, 320, 330, 440, 450 (Choose **one**) — 3

SPANISH* 24 Sem. Hrs.

Required Courses

101, 102	Elementary Spanish, or equivalent	6
201, 202	Modern Spanish	6
**301, 302	Nineteenth Cen. Lit. I, II	6
**327	Adv. Comp. and Conv.	2-3
**421, 422	Literature of the Golden Age	6

Language (French) 12 Sem. Hrs.

MINOR IN SPANISH 18 Sem. Hrs.

Required Courses: 101, 102, or equivalent 6
201, 202, and electives 12

*2 semester hours may be deducted for each high school unit with a maximum deduction of 6 hours.

**Majors should select 12 hours from courses marked with asterisks.

SPEECH 28 Sem. Hrs.

Required Courses 13

101	Fundamentals of Speech	2
105	Voice and Diction	2
243	Debate	2
336	Play Directing	2
336L	Play Directing Lab.	1
337	Effective Speaking	2
430	Speech Correction	2

Elective Courses* 15

151	Play Production	2
234	Fundamentals of Radio Speech	2
244	Intercollegiate Debating	1-2
245	Oratory	1-2
251	Acting	2
301, 301L	Make-up	1-2
313, 314	Shakespeare: Comedies & Tragedies	4
318	Modern Drama	3
331	Children's Theatre	3
334	Radio Production	2
352, 352L	Theatre Workshop	1-2
401	Extemporaneous Speaking	1
421	Poetry Interpretation	3

*Not more than 3 hours may be elected in any one subject.

MINOR IN SPEECH AND DRAMATICS 18 Sem. Hrs.

Required Courses: 101, 105, 151, 243, 245, 336, 337, 421, 430.

SPECIAL CURRICULA

PRE-PROFESSIONAL CURRICULA

The courses outlined below are organized to meet the needs of those students who plan to continue their work in some professional school after one or two years as a student in Fairmont. Since most of this work is basic in character, it may be used in meeting the requirements for graduation from Fairmont State College.

Pre-professional work is offered in the following fields:

Dentistry	Law	Nursing
Engineering	Medicine	Social Work
	Medical Technology	

An outline of the courses to be included in the pre-professional curricula listed above is outlined below for the use of students and advisers. Since the majority of students doing such work will later enter the professional schools at West Virginia University, the courses have been prepared with the idea of meeting the requirements laid down by Unievrsity authorities for their own pre-professional students. Students expecting to enroll in other professional schools should procure a catalogue from the school they expect to enter with advanced standing so that the course taken here will meet the requirements they need to meet. The pre-professional field adviser will assist students in making all necessary adjustments.

The arrangement of courses of the pre-professional curricula by years may have to be varied somewhat to meet schedule situations and the interests of students. The pre-professional adviser should, however, be consulted as regards any such changes before they are made.

PRE-DENTAL CURRICULUM

Students enrolled in pre-dentistry should plan their programs in relation to the requirements of a specific college of dentistry for the entrance requirements differ somewhat among the various colleges. They should obtain a catalogue from the school of their choice, and use it as a guide in selecting their courses in Fairmont. Only students with a B average, or higher, will be urged to continue dental training.

A recommended schedule for a two year pre-dental course in Fairmont State College follows:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Chemistry 101, 102	4	4		
German 101, 102 or French 101, 102	3	3		
German 201, 202 or French 201, 202			3	3
Biology 101, 102	3	3		
*Zoology 103, 320, 321			4	4
Physics 101, 103			4	4
Chemistry 301, 303			4	4
Psychology 203, 205	3	3		
Electives (Composition, Literature or Sociology)			2	2
	16	16	17	17

*Some dental schools specifically require Zoology. In most instances, Biology or Zoology courses will meet requirements. There normally should be an opportunity to include 3-4 hours of elective courses in the first year.

PRE-ENGINEERING CURRICULUM

The curriculum in pre-engineering is planned, first, to give the student an introduction to the arts and sciences common to the various fields of engineering, thereby helping him to select the type of engineering best suited to his liking and ability; secondly, to give him special and technical knowledge in the basic arts and sciences which will enable him to do successful work in the courses in the college of engineering he plans to enter.

As there is a growing tendency to encourage students to obtain a broader education than was formerly required for engineering degrees, it is suggested that students do this through careful selection of electives in economics, history, languages, and science.

A suggested program for pre-engineering courses, extending over the first two years and a possible summer session in Fairmont State College, is outlined below.

For students offering 1½ units of Algebra and 1 unit of Geometry as entrance credit, the following curriculum is suggested:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Speech 101	2			
Mathematics 111,231	2	4		
Mathematics 121, 231	3	3		
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241			3	3
Language or Bus. 306			3	3
Engineering 201, 202, or Math. 401			3	3
	17	17	18	18

For students offering 1½ or 2 units of Algebra and 1 or 1½ units of Geometry, the following curriculum is suggested:

Course	First Year Hrs.		Second Year Hrs.	
English 102, 104	3	3		
Speech 101	2			
Chemistry 101, 102	4	4		
Engineering 113, 131	3	3		
Mathematics 221, 231	4	3		
Mathematics 121		3		
Physics 210, 211			5	5
Mathematics 321, 331			4	4
Chemistry 240, 241 or Bus. 306			3	3
Language			3	3
Engineering 201, 202, or Math 401			3	3
	16	16	18	18

Other courses to be taken in the Summer Session, or in the first two years, if preparatory work permits:

Mathematics 241	3
Mathematics 251	4
Engineering 112	2
115	2
209	2
212	2

PRE-LAW CURRICULUM

If the general requirements for graduation and the major requirements as set out on page ____ are met in the first three years of work at Fairmont State College, the final group of hours to make a total of 128 and to complete all requirements may be taken in a recognized law school. Fairmont State College will then confer the A.B. degree on those students completing the program.

A suggested outline of pre law courses covering the first three years at Fairmont State College is outlined below:

SUBJECT	HOURS	I		II		III	
Library Science	1	101					
English Composition	6	102	104				
Speech	4			101	105		
History	16	111	112	207	208	307	308
*Biological Science	6	101	102				
Psychology	3				204		
Philosophy	3			201			
Physical Education	2		115	116			
Political Science	16	101	203	302	307	309	310
Sociology	6	121	122				
Art	2			255			
Music	2				205		
Literature	6					341	342
Economics	6					201	202
Business	6					201	202
Electives	11						
	96						

*Physical Science 201 and 202 (6 hours) and Health 102 (2 hours) may be substituted for Biological Science, with the consequent rearrangement of this schedule.

PRE-MEDICAL CURRICULUM

Students preparing for the study of medicine will do well to provide themselves with a broad collegiate training rather than to restrict their studies to a narrow field. A two year program for pre-medical students based upon this principle is here outlined. Unless, however, a valid reason for altering the program exists, all students enrolled in pre-medical work will be required to follow this schedule. Students should know that every school of medicine has definitely prescribed entrance requirements which differ in certain particulars from those of many other schools. As a consequence, one should find out the specific requirements of the school he plants to enter and select the courses that satisfy these requirements. Only students with a B average or higher will be expected to continue medical training.

The following basic courses in Fairmont State College are recommended:

Course	First Year Hrs.	Second Year Hrs.
English 102, 104	3	3
Speech 101	2	
Chemistry 101, 102	4	4
Foreign Language (German, French, Latin)	3	3
Biology 101, 102, or Zool. 103 or 320, 321 or 350	3-4	3-4
Mathematics 221, 361		3-4
Chemistry 201, 241		4
Physics 101, 103		4
Pol. Sci. 302, Econ. 201, Psy. 203, or Lit.		3
Electives	2	
	17-18	16-18
	17-18	17

PRE-MEDICAL TECHNOLOGY CURRICULUM

Those persons planning to become medical technologists can complete the collegiate requirements at Fairmont State College. A minimum of 60 semester hours of college credit must be presented for entrance to a school of medical technology approved by the Council on Medical Education and Hospitals of the American Medical Association. The entrance requirements must include 12 semester hours of biology, four of which must be zoology, and 12 semester hours of chemistry, 8 of which must be general inorganic and four quantitative analysis. The electives should be chosen from English, mathematics, physics, anatomy, bacteriology, organic chemistry, physiology, and histology.

Any student who wishes to earn a degree from Fairmont State College should schedule courses to meet the general education requirements of this institution. A recommended schedule for such students is as follows:

First Year

First Semester	Sem. Hrs.	Second Semester	Sem. Hrs.
English 102	3	English 104	3
Biology 101	3	Biology 102	3
Chemistry 101	4	Chemistry 102	4
History 111	3	History 112	3
Library Science 101	1	Health 102	2
P. Ed.	1	P. Ed.	1
	15		16

Second Year

Chemistry 240	4	Zool. 321	4
Speech 101	2	Speech 105	2
Physics 101	4	Physics 103	4
Social Sci. 201	3	Social Sci. 202	3
P. Ed.	1	P. Ed.	1
Elective	3	Elective	3
	17		17

PRE-NURSING CURRICULUM

There has been a tendency in recent years in nursing education toward the establishment of a requirement of at least two years of college work preparatory to entering a school of nursing. Students in this curriculum are advised to use their elective hours in the direction of a broad, general education.

A suggested program of studies in Fairmont State College follows:

Course	First Year Hrs.	First Year Hrs.	Second Year Hrs.	Second Year Hrs.
English 102, 104	3	3		
Chemistry 101, 102	4	4		
Biology 101, 102	3	3		
Language or elective	3	3	3	3
Physical Education			2	2
Literature			3	3
Psychology 203, 205			3	3
Sociology 120 and elective			3	3
Electives	3-4	3-4	2-3	2-3
	16-17	16-17	16-17	16-17

PRE-SOCIAL WORK CURRICULUM

The pre-professional curriculum in Social Welfare is designed to meet the needs of the students who plan to enter the school of Social Work at West Virginia University, or another approved school of social work. Professional education for the many positions available for professional social workers is on a graduate basis in all accredited schools of social work. The undergraduate program, which may be obtained completely in Fairmont State College, includes broad and intensive preparation in the social sciences and related fields.

Students who choose this course must satisfy all the requirements prescribed for the Bachelor of Arts. They should elect their major in Sociology, or a related field, and meet the requirements set up for majors. The program for this curriculum must be planned in consultation with the chairman of the Department of Sociology.

TWO-YEAR CURRICULA

Fairmont State College now offers a number of special two-year curricula, and it is expected that others will be added from time to time. These curricula are now available in the following areas:

Accountancy
Clerical
Commercial Art
General Education
Homemaking

The purpose of these curricula is to provide desirable vocational training for those persons who are unable to complete an entire four-year course without interruption, and for those persons who desire some college training organized with a definite objective in mind in contrast to a more or less random selection of courses. These curricula are organized in such a manner as to be complete within themselves, while, at the same time, they will serve as preparation for the more intensive and richer four-year courses. The quality of the instruction offered will be identical with that in the four-year courses.

Fairmont State College has requested the State Board of Education to permit the issuance of a certificate as Associate in Arts or Associate in Science upon the successful completion of any one of these special curricula. The student, of course, may choose not to complete all the requirements of a special curriculum and continue work toward a baccalaureate degree instead.

ACCOUNTANCY CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Bus. 201, Accounting	3	Bus. 202, Accounting	3
Psy. 203 or 204 Gen'l Psy.	3	Speech 101, Fundamentals	2
Econ. 201, Principles	3	Econ. 202, Problems	3
Electives	4-5	Electives	5-6
	16-17		16-17

Second Year

Bus. 301, Adv. Accounting	3	Bus. 302, Adv. Accounting	3
Bus. 406, Income Tax	3	Bus. 407, Income Tax	3
Bus. 306, Business Law	3	Bus. 408, Payroll Accounting	2
Bus. 314, Office Management	2	O.A. 101, Beg. Typewriting	2
Electives	5-6	Electives	6-7
	16-17		16-17

CLERICAL CURRICULUM

First Year

Eng. 102, First Yr. Writ. and Spok. English	3	Eng. 104, First Yr. Writ. and Spok. English	3
O.A. 101 Beg. ypewriting	2	O.A. 102, Beg. Typewriting	2
Math. 141, Business Math.	2	Health 102, Personal Health	2
Bus. 102, Intro. to Business	3	P.E. 111 or 116, Fr. Orient.	1
P.E. 101 or 115, Fr. Orient.	1	Electives	8-9
Electives	5-6		
	16-17		16-17

Second Year

Bus. 201, Prin. of Acctg	3	Bus. 202, Prin. of Acctg	3
Bus. 211, Bus. Correspondence	2	O.A. 211 Vocational Typewriting	2
O.A. 311, Office Machines	2	O.A. 351, Clerical Practice	3
Electives	9-10	Electives	8-9
			16-17

COMMERCIAL ART CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Soc. Sci. 111, Dev. of Soc. Inst. or Hist. 111	3	Soc. Sci. 112, or Hist. 112, Dev. of Soc. Inst.	3
Biol. 101, Intro. to Biol.	3	Biol. 102, Intro. to Biol.	3
Art. 141, Art Structure	2	Art 142, Drawing	2
Art 255, Hist. & App. of Art	2	Art 278, Anc. & Med. Art	3
Lib. Sci. 101, Use of the Library	1	Phy. Ed. 111 or 116, Fr. Orient	1
Phy. Ed., 101 or 115, Fr. Orient.	1	Electives	1-2
Electives	1-2		
	16-17		16-17

Second Year

Art 241, Drawing from Life	3	Art 242, Drawing, Painting from Life	3
Art 291, Commercial Art	3	Art 292, Commercial Art	3
Art 391, Fashion Illustration	3	Art 392, Textile Design	3
Art 491, Interior Design	3	Psy. 203 or 204, Gen'l Psy.	3
Soc. Sci. 201, Fund. Soc. Probs.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Electives	2-3	Electives	1-2
	16-17		16-17

GENERAL EDUCATION CURRICULUM

First Year

Eng. 102, Composition	3	Eng. 104, Composition	3
Biol. 101, Intro. to Biol.) Phy. Sci. 201, Gen'l Phy. Sci.)	3	Biol. 102, Intro. to Biol.) Phy. Sci. 202, Gen'l Phy. Sci.)	3
Soc. Sci. 111 or Hist. 111, Dev. of Soc. Inst.	3	Soc. Sci. 112 or Hist. 112, Dev. of Soc. Inst.	3
Speech 101, Fund. of Speech	2	Phil. 101, Intro. to Phil.	3
Lib. Sci. 101, Use of the Library	1	Phy. Ed. 111 or 116, Fr. Orient.	1
Phy. Ed. 101 or 115, Fr. Orient	1	Electives	3-4
Electives	3-4		
	16-17		16-17

Second Year

Eng. 202, Literature	3	Eng. 204, Literature	3
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Psy. 203 or 204, Gen'l Psy.	3	Music 205, Music in Hum. Rel.	2
Art 255, Hist. & App. of Art	2	Electives	8-9
Electives	5-6		
	16-17		16-17

HOMEMAKING CURRICULUM

First Year

H.E. 101, El. Clothing	2	H.E. 102, Clothing Sel.	3
Eng. 102, Composition	3	Eng. 104, Composition	3
Biol. 101, Intro. to Biol.	3	Biol. 102, Intro. to Biol.	3
Soc. Sci. 111 or Hist. 111, Dev. of Soc. Inst.	3	Soc. Sci. 112 or Hist. 112, Dev. of Soc. Inst.	3
H.E. 107, Homemaking	3	H.E. 108, Homemaking	3
Ph. Ed. 101, Fr. Orientation	1	Phy. Ed. 111, Fr. Orientation	1
Electives	2	Lib. Sci., Use of the Library	1
	17		17

Second Year

H.E. 201, El. Foods	3	H.E. 202, Adv. Foods	3
H.E. 320, Home Planning	4	H.E. 230, Handcraft	2
Psy. 203 or 204, Gen'l Psy.	3	H.E. 330, Child Care	2
Soc. Sci. 201, Fund. Soc. Prob.	3	Soc. Sci. 202, Fund. Soc. Probs.	3
Eng. 202, Literature	3	Eng. 204, Literature	3
		Electives	3
	16		16

COURSES OF INSTRUCTION

Key to Abbreviations

I—A course given in the first semester.
II—A course given in the second semester.
I, II—A semester course given in each semester.
I and II—A course given throughout the year.
Hrs.—Number of credit hours per course.
PR—Prerequisite.

The Plan for Numbering Courses

Courses 100 to 199—Courses intended primarily for freshmen.
Courses 200 to 299—Courses intended primarily for sophomores.
Courses 300 to 399—Courses intended primarily for juniors.
Courses 400 to 499—Courses intended primarily for seniors.

Schedules

Before the opening of each semester, a schedule is printed announcing the courses to be offered in that semester. Preliminary and final registration is made from this schedule. A complete schedule of all courses offered in the Summer session is printed in the Summer Session Bulletin.

ART*

Mrs. Mundel, Mr. Schroder, and Staff

141. **Art Structure. I** Two hours.
A basic course in the principles of art. Problems in drawing and design in various media.

142. **Drawing. II** Two hours.
Still life, landscape, and figure drawing. PR, 141.

155. **Creative Expression in the Fine Arts. I** Two hours.
Methods of planning and teaching art in the elementary grades.

156. **Creative Expression in the Applied Arts. II** Two hours.
Experience with crafts taught in the elementary grades.

241. **Drawing from Life. I** Two hours.
Drawing from the posed model. PR, 142.

242. **Drawing and Painting from Life. II** Three hours.
Drawing and painting in oil from the posed model. PR, 241.

255. **History and Appreciation of Art. I** Two hours.
A study of the principles of art in painting, sculpture, architecture, and the minor arts from ancient to modern times.

378. **Ancient and Medieval Art. II** Three hours.
History of Art from prehistoric times to circa 1400 A.D. The arts in Egypt, Babylonia, Assyria, Persia, India, the Minoan civilization, Greece, the Hellenistic world, and Rome. A survey of the arts of the Early Christian, Byzantine, Carolingian, Saracenic, Romanesque, and Gothic periods. PR, 255.

283. **Modeling and Sculpture. I** — Two hours.
Clay modeling and plaster casting. Carving in wood and stone. PR, 141.

284. **Modeling and Sculpture. II** — Two hours.
Continuation of 283.

291. **Commercial Art. I** — Three hours.
Lettering with pen and brush. Layouts in advertising. Window display. Book illustration. PR, 141.

292. **Commercial Art. II** — Three hours.
Continuation of 291.

341. **Printmaking. I** — Two hours.
A study of processes of printmaking: linoleum block printing, wood engraving, etching, and lithography. PR, 241.

342. **Printmaking. II** — Two hours.
Continuation of 341.

355. **Materials and Techniques for High School Teachers. I** — Two hours.
Methods of planning and teaching art in the high school. PR, 141.

356. **Crafts for High School Teachers. II** — Two hours.
Experience with crafts taught in high school. PR, 141.

361. **Painting in Oil. I** — One-Three hours.
Still life, landscape, and figure painting in oil. PR, 242.

362. **Painting in Oil. II** — One-Three hours.
Continuation of 361.

363. **Painting in Watercolor. I** — One-Three hours.
Still life, landscape, and figure painting in watercolor. PR, 241.

364. **Painting in Watercolor. II** — One-Three hours.
Continuation of 363.

365. **Painting in Gouache. I** — One-Three hours.
Still life, landscape. and figure painting in water color. PR, 241.

377. **Italian and Northern Renaissance Art. I** — Three hours.
History of painting, sculpture, architecture, and the minor arts in Italy, the Netherlands, Germany, Spain, France, and England from circa 1400 A.D. to the 19th century. PR, 255.

378. **Nineteenth Century and Contemporary Art. II** — Three hours.
History of art from the 19th century to the present. An analysis of art movements: neo-classicism, romanticism, impressionism, post-impressionism, expressionism, cubism, and surrealism. PR, 255.

383. **Ceramics. I** — Three hours.
Modeling, firing, and glazing pottery and figurines. PR, 141.

384. **Ceramics. II** — Three hours.
Continuation of 383.

391. **Fashion Illustration. I** — Three hours
Rendering of fashion illustrations in pen and ink, dry brush, and wash techniques. PR, 242.

392. **Textile Design. II** — Three hours.
A study of textiles for their design quality. Creation of designs. Block printing on textiles. PR, 141.

461. **Advanced Painting in Oil. I** One-Three hours.
Continuation of 362.

462. **Advanced Painting in Oil. II** One-Three hours.
Continuation of 461.

463. **Painting in Any Medium. I** One-Three hours.
PR, 362, 364, 365.

464. **Mural Painting and Mosaic. II** Three hours.
Execution of murals in fresco, oil, and mosaic techniques. PR, 362.

477. **Seminar in Art History. II** Two hours.
Correlation of art history and aesthetics. PR, 8 hours of art history.

478. **Survey of Mexican Art.** Three-Six hours.
Escorted travel study of Mexican art monuments and museums.

483. **Advanced Sculpture. I** Two hours.
Carving in wood and stone. PR, 284.

484. **Advanced Sculpture. II** Two hours.
Continuation of 483.

491. **Interior Design. I** Three hours.

An analysis of art principles in furnishings and their arrangement. A survey of period and contemporary styles. Problems in room layout in pen and ink, wash, and airbrush technique. PR, 141.

* Prerequisites are for students majoring in Art.

BIOLOGY

Mr. Davisson and Staff

101. **Introduction to Biology. I** Three hours.
This course and the one following constitute a year's study of the biological principles governing living things with particular emphasis on their human implications. The approach of this course was designed especially for teachers in elementary and secondary schools by a state committee of college teachers of biology. Mr. Davisson.

102. **Introduction to Biology. II** Three hours.
Continuation of 101. PR, Biol. 101. Mr. Davisson.

380. **Introduction to Genetics. II** Three hours.
Elementary studies of the principles of heredity. PR, Biol. 101-102, or equivalent. Mr. Davisson.

BOTANY

Mr. Roberts and Staff

101. **General Botany. I** Four hours.
Preliminary to all advanced courses in Botany. Mr. Roberts.

102. **General Botany. II** Four hours.
Continuation of 101. Mr. Roberts.

103. **General Botany. I, II** Four hours.
A single semester survey course. Mr. Roberts.

122. **Characteristic of Materials. I, II** Two hours.
A course in the identification and characteristics of the various materials used in industry. Required of Industrial Arts major students.

124N. **Microbiology. I** Three hours.
Mr. Roberts.
Open only to students of the Fairmont General Hospital School of Nursing. Staff.

230. **Systematic Botany. II** Two-three hours.
Identification of seed plants. Mr. Roberts.

240. **Plant Ecology. I** Four hours.

310. **Plant Physiology. I** Two-four hours.

312. **Garden Materials. II** Two-three hours.
Materials, methods, and fundamentals of home landscaping.

314. **Plant Geography. I, II** Two-three hours.
The geological and environmental factors that influence the distribution of plants over the earth. Mr. Roberts.

316. **Economic Botany. I** Three hours.

324. **Bacteriology. II** Three hours.

330. **Field Botany. II** Two-four hours.

415. **Problems Course. I, II** Two-five hours.
Advanced work on special phases of Botany.

BUSINESS

Mr. Jaynes, Mr. Potesta, Mr. Layer, and Staff

102. **Principles of Business. II** Three hours.
An introduction to the various fields of business to acquaint the student with the basic principles of each field and to prepare him for the advanced courses in the several fields. It provides the student, early in his college training, with the information concerning the advanced courses to aid in choosing his major studies. Mr. Jaynes.

201. **Principles of Accounting. I** **Three hours.**
Fundamental bookkeeping procedures. Organization of accounts, journalizing, and posting, expense and revenue accounts, adjustments and closing procedures, and the preparation of financial statements. The theory of debits and credits. Staff.

202. **Principles of Accounting. II** Three hours.
Continuation of 101, introducing accounts peculiar to partnerships and corporations. PR, Bus. 201. Staff.

205. **Salesmanship. I, II** Three hours.
Also listed as Ret. 205. Staff.

210. **Accounting for Engineers. II** Two hours.
A course intended for pre-engineering students planning to complete their work at West Virginia University. Its emphasis is on the basic principles of accounting and the theory of cost accounting. Staff.

211. **Business Correspondence. I** Two hours.
A study of the vocabulary and technique of business writing. Correct English usage in modern business forms and letters. PR, Eng. 102, 104. Staff.

301. **Advanced Accounting. I** Three hours.
Interpretation and use of accounting data. A consideration of the evaluation of assets, depreciation, appraisal and depletion of fixed assets; intangibles; current, contingent, and fixed liabilities; capital stock, surplus, and reserves. PR, Bus. 201, 202. Mr. Potesta.

302. **Advanced Accounting. II** Three hours.
Continuation of 301. Valuation of accounts, working capital, profit and loss analysis, comparative statements, and source and application of funds. PR, Bus. 201, 202, 301. Mr. Potesta.

304. **Marketing. II** Three hours.
A study of marketing (exchange) organization. Marketing principles and practices. Survey of marketing problems. PR, Econ. 201, 202. Mr. Jaynes.

306. **Business Law. I** Three hours.
The principal laws applicable to business. Fundamentals of the law of contracts, agency, negotiable instruments, sales, partnership, corporations and the legal basis of property as applied to business situations. Mr. Potesta.

307. **Business Law. II** Three hours.
Continuation of 306. Mr. Potesta.

308. **Industrial Relations. II** Three hours.
A study of the field of personnel management and industrial relations including its background, development, job analysis, description and classification, selection, training, wage plans, collective bargaining, personnel records, and research. Mr. Jaynes.

309. **Industrial Organization and Management. I** Three hours.
A study of the problems of the organization and management of an industrial plant, including the selection of plant location, factory buildings, plant layout, power, heat, light, purchasing, etc. Mr. Jaynes.

310. **Statistics. I** Three hours.
The course includes computation of statistical measurements, methods of collecting and analyzing data, and the interpreting of results. Mr. Jaynes.

312. **Principles of Insurance. II** Three hours.
A course designed to acquaint the student with the various types of insurance, both personal and business, to better prepare him to make his own insurance plan as well as to inform him concerning the many types of insurable risks. Mr. Jaynes.

314. **Office Management. II** Two hours.
The study of office management principles. Analysis of office procedures, filing, transcribing, correspondence, reports, business machine operating and forms. The application of personnel management techniques to office management; office organization, office layouts. Staff.

320. **Principles of Advertising. II** Three hours.
Also listed as Jour. 320. Mr. House.

401. **Business Finance. I** Three hours.
A study of the principles, practices, and business forms used in financing modern corporations and other business. PR, Econ. 201, 202; Bus. 201, 202. Mr. Jaynes.

402. **Production Management. II** Three hours.
The principles of economics applicable to production. The principles of scientific management. Incentives in production and incentive plans. Wages and wage rate determinations. Job analysis. Psychological motives in labor supervision and production. Plant layout and organization. De-

partmental setups. Planning production. Industrial engineering principles. Management principles in production. PR, Econ. 201, 202, 302; Bus. 201, 202, 302, 304, and 306. Mr. Jaynes.

403. **Business and the State. I, II** Three hours.
A general study of the relationships between private business and government, and the social implications thereof. No prerequisite. Mr. Layer.

404. **Cost Accounting. I** Three hours.
Elements and methods of cost finding. Methods of collecting and recording the costs of material, labor, and overhead. Cost control as applied to various subsidiary ledgers and perpetual inventory. PR, Bus. 201, 202, 301, and 302. Mr. Potesta.

405. **Auditing. II** Three hours.
Duties and responsibilities of auditors; methods of verification of balance sheet and profit and loss accounts; working papers and schedules, audit reports and certificates. PR, Bus. 201, 202, 301, 302, 404. Mr. Potesta.

406. **Federal Income Tax Accounting: Individual. I** Three hours.
Preparation of income tax returns from the accounts of an individual; exclusions and inclusions for gross income, capital gains and losses, business expenses and other deductions. Mr. Potesta.

407. **Federal Income Tax Accounting: Partnership and Corporation. II** Two-three hours.
Continuation of 406, including preparation of income tax returns from accounts of partnerships and corporations. PR, Bus. 406. Mr. Potesta.

408. **Payroll Accounting.** Two hours.
A study of accounting procedure and technique for payrolls, particularly involving the Social Security Act, Federal Withholding Tax Act, and Unemployment Compensation Act. PR, Bus. 201, 202, 301, 302. Mr. Potesta.

409. **Municipal Accounting.** Two hours.
Principles of governmental accounting and fiscal administration; accounting for funds; revenues and expenditures; assets and liabilities; and federal accounting. PR, Bus. 201, 202, 301, 302. Mr. Potesta.

410. **Investments. II** Three hours.
A study of the principles of investment procedures and practices to follow in investing money. Included in the course are the following: methods of statistical analysis; types of investment securities; sources of information; municipals; governments; investment trusts; the stock markets, etc. Mr. Jaynes.

CHEMISTRY

Mr. Ward, Mr. Haught, and Staff

101. **General Chemistry. I** Four hours.

102. **General Chemistry. II** Four hours.
PR, Chemistry 101.

107N. **Chemistry for Nurses.** Three hours.

201. **Qualitative Analysis. II** Four hours.
PR, Chemistry 240, 241.

240. **Quantitative Analysis. I** Four hours.
PR, Chemistry 101, 102

241. **Quantitative Analysis. II** Four hours.
PR, Chemistry 240.

301. **Organic Chemistry. I** Four hours.
PR, 16 hours of Chemistry.

303. **Organic Chemistry. II** Four hours.
PR, Chemistry 301.

ECONOMICS

Mr. Jaynes, Mr. Layer, and Staff

101. **American Business and Industry. I** Three hours
The student is required to read a business journal daily in order to better acquaint himself with the present state of American business and some of the problems facing the businessman. A text covering the development of some of the principal industries of America is assigned reading. Each student is given the opportunity of viewing a number of films picturing present day industrial processes. Mr. Jaynes.

201. **Economic Principles and Problems. I** Three hours.
Fundamental economic concepts with exercises in solving elementary problems. National income and the employment of resources. The monetary process. Prices and the allocation of resources. (This course should be selected by economics and business majors or by non-majors who need at least 6 hours of economics and who will continue with Economics 202. Mr. Layer.

202. **Economic Principles and Problems. II** Three hours.
Distribution of economic factors of production. Management and control of economic resources. Government finances. International economics. Personal distribution and uses of income. Types of economic systems. As in the first semester, these topics will be supplemented with exercises in the solution of elementary problems. PR, Econ. 201. Mr. Layer.

230. **Economics for Engineers and Non-Majors. I** Three hours.
This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is **NOT** a substitute for either of them. This course should not be selected by economics and business majors.) Mr. Layer.

302. **Economics of Labor. I** Three hours.
Labor economic theory. Wage theory. Labor unions. Union organization and tactics. Union weapons. Employer weapons and tactics. Strikes. Labor and social legislation. Labor history. Government and labor. PR, Econ. 201, 202. Mr. Jaynes.

303. **Money, Credit and Banking. I** Three hours.
An intensive study of money and credit principles with an analysis of their effects upon prices. History of money. History of banking. Banking principles and practices. PR, Econ. 201. Mr. Layer.

304. **Business Cycles. II** Three hours.
A study of the nature, causes, and control of business fluctuations. Includes an analysis of time series; measurement and description of cycles; analysis of numerous explanations of cycles; methods of controlling the cycle through monetary management, public works, consumption, price and wage policies. Mr. Layer.

305. **Economic Principles. I, II** Three hours.
This course is planned for those students who possess only a general interest in the field of economics. It deals with basic facts, concepts, and relationships necessary to understanding our economy. (This course should be selected by those students who need only 3 hours of economics. If at least 6 hours are needed, the student must select Econ. 201 and 202. This course is **NOT** a substitute for either of them. This course should not be selected by economics and business majors.) Mr. Layer.

307. **Consumer Economics. I.** Three hours.
A study of the problems a consumer must face in his or her day-to-day buying and living. It includes a brief survey of budgets, life insurance, investments, managing personal finances, buying services, and other problems of the consumer. While primarily intended for non-majors, it may be taken by majors. Mr. Jaynes.

402. **Public Finance. II** Three hours.
A study of the principles of taxation. The fiscal organization of the federal, state, and local governments with past and present fiscal practices. PR, Econ. 201, 202; Bus. 201, 202. Mr. Layer.

403. **International Economics. I** Three hours.
The principles and practices of international trade. The tariff and reciprocal trade relations. International investments. Imperialism. The economic basis for international relations. PR, Econ. 201, 202. Mr. Layer.

404. **Comparative Economic Systems. I** Two hours.
An analysis of the basic economic principles and concepts of capitalism, socialism, communism, fascism, cooperativism. PR, Econ. 201, 202. Mr. Layer.

405. **History of Economic Thought. II** Two hours.
A study of economic thought from the beginning of time through the Greeks and Romans, medieval thought, mercantilists, Adam Smith, Ricardo, Mill and Marshall, Austrian school, German thinkers, and various American economists and schools of thought. PR, Econ. 201, 202. Mr. Layer.

406. **Guided Economic Study. I, II** One-two-three hours.
Intensive reading, research, and study in current literature and documents in regard to a selected economic problem or group of problems. The field of study will be one in which the student has a special interest. All work will be done individually and the class will be conducted by conferences with each student. PR, 18 hours of Economics; 30-34 hours in Economics, Business and Social Science courses. Mr. Layer.

407. **Advanced Economic Problems. II** Two hours.
A course especially designed for seniors who are to graduate in the year in which the course is taken. Its purpose is to give the student a final review of the basic principles as applied to present day economic problems. Mr. Layer.

462. **Introduction to Methods of Research and Bibliography. II** Three hours.
It is the purpose of this course to give the student some training in the science of research and bibliography. Staff.

EDUCATION

Mr. Howard, Mr. Taylor, Mr. Collins, Mr. Martin, Mrs. Willard, Mrs. Wheat, and Staff.

202. **Human Growth and Development. I, II.** Three hours.
The aim of this course is to develop an interest in and an understanding of the child as a developing personality. Laboratory and field work are required. Staff.

203. **Human Growth and Development. I, II.** Three hours.
This course emphasizes learning as a means of growth and development. Laboratory and field work are required. Staff.

226. **Elementary Methods. I.** Three hours.
This course includes two semester hours of primary methods. It is designed to provide for the needs of students preparing for the Third Class Elementary Certificate and for Curricula B and C certification. Mrs. Willard.

250. **Observation and Directed Teaching: Third Class Elementary Certificate. I, II.** Three hours.
Student teaching must be on two levels; primary, and intermediate or upper grade level. PR, Ed. 202, 203, 226. Mrs. Willard.

306. **Tests and Measurements in the Public Schools. I.** Two hours.
The two-fold purpose of this course is to acquaint the prospective teacher with the principles of measurement and evaluation, and to give definite instruction and practice in test construction and use. PR, Ed. 202, 203. Mr. Howard.

324. **Organization of the West Virginia School System and the Program of Study for the Elementary Schools. I.** Two hours.
The State School System is surveyed, and the State Elementary Course of study is examined. Mr. Howard.

325. **Human Adjustment. I, II.** Three hours
The development of a normal personality and the prevention of maladjustments are emphasized. PR, Ed. 202, 203. Staff.

336. **Advanced Elementary Methods. II.** Three hours.
A study will be made in this course of child growth and learning in grades four to eight. Observation of teaching is required. Mrs. Willard.

341. **Techniques in Diagnostic Reading. I.** Two hours.
This course is designed to give students experiences in diagnosing various types of reading difficulties or deficiencies. It will consist of observations, demonstrations, discussion and laboratory work. Staff.

395. **Survey of Guidance. I, II.** Two hours.
Principles of educational, vocational, and personal guidance are examined. Guidance techniques are studied. PR, Ed. 202, 203. Mr. Martin.

420. **Observation and Directed Teaching: Curriculum B. I, II.** Two-six hours.
Student teaching must be on two levels. PR, Ed. 202, 203, 226, 336. Mrs. Willard.

422. **Integrated Methods: Curriculum C. II.** Three hours.
A study of materials and methods suitable for grades four through twelve. As far as conditions permit this course is integrated with observation and directed teaching. PR, Ed. 202, 203. Mrs. Wheat.

424. **Audio-Visual Aids. II.** Two hours.
Techniques of effective use of graphic materials, unprojected pictures, objects, specimens, models, field journeys, projected pictures, and audio aids. Required laboratory work includes operation of sound motion picture projectors, slide film, and opaque projectors, and phono-transcription audio equipments. Mr. Martin.

425. **Observation and Directed Teaching: Curriculum C. I, II.** Six hours.
A minimum of two consecutive hours must be reserved for this course. Observation and student teaching are required on three levels: primary,

intermediate or upper grade (including junior high), and senior high school. Enrollment during two semesters will be required to earn six hours. PR, Ed. 202, 203, 226, 325, 422. Mrs. Wheat.

431. **Materials and Methods. I, II.** Two hours.

A course in special methods. Chairmen of departments of subject matter fields requiring unique and special methods may offer this course in cooperation with the Department of Education after securing the approval of the Chairman of the Department of Education. PR, 202, 203, 432.

432. **Principles and Methods of Teaching in the Secondary School. I, II.**

(a) First half; (b) Second half. Four hours

A survey of the basic principles of learning and of the techniques of teaching in the secondary school. Observation in the public junior and senior high schools is required. PR, Ed. 202, 203. Mr. Collins.

450. **Observation and Directed Teaching: Curriculum A. I, II.** Six hours.

One-half day should be reserved for this course. Observation and student teaching is generally required in two areas of concentration or teaching fields. PR, 202, 203, 325, 432. Mr. Collins.

455. **Philosophy of Education. I.** Two hours.

This course undertakes the exposition of some of the classic philosophies of education for the assistance they may give in the solution of the problems of our democratic society. Mr. Howard.

460. **Current Trends in Education. 1, II.** Var. Cr.

This is a technical course for advanced students who are interested in doing research in specific educational problems. Staff.

ENGINEERING

Mr. Shutts, Mr. Wise, Mr. Carmichael

112. **Machine Shop. I.** Two hours.

This course is an introductory course in the care and use of machines, safety practices, etc. Work on the lathe will be emphasized. Several projects in simple machine work are to be developed by the students. Mr. Carmichael.

113. **Mechanical Drawing** Three hours.

This course is designed especially for pre-engineering students. The following topics are studied: care and use of instruments, lettering, orthographic projections, use of auxiliary projections, isometric projections, tracing and blue printing. Mr. Wise.

115. **Welding and Heat Treatment.** Two hours.

Designed especially for engineering students, this course consists of lectures, recitations, demonstrations, and shop practices on oxy-acetylene, electric and resistance welding of pipes, tubing, and plates. Some opportunity will be given for practice in the molding and casting of ferrous and nonferrous metals. Mr. Carmichael.

131. **Descriptive Geometry. II.** Three hours.

PR, Engr. 113, and Math 121. Mr. Shutts.

201. **Mechanics. I.** Three hours.

This course is designed especially for pre-engineering students. The following topics are studied: resultants of force systems, equilibrium of force systems, first moments and centroids. PR, Math 231 and Physics 210.
Mr. Shutts, Mrs. Ford.

202. **Mechanics. II.** Three hours.
This course is a continuation of Engr. 201. The following topics are studied: motion of a body, work and energy, impulse and momentum, second moments. Mr. Shutts, Mrs. Ford.

207. **Mechanism. II.** Two-four hours.
A course designed for pre-engineering students and consisting of lectures and graphical solutions of engineering problems. PR, 113, 131. Mr. Shutts.

209. **Elements of Machine Design.** Two hours.
This course is designed to give pre-engineering students a knowledge of empirical designs, standard commercial parts, such as keys, bearings, shafting, coupling, screw filings, limits, tolerance and allowance. Mr. Wise.

212. **Machine Shop. Machine Shop. II.** Two hours.
Continuation of 112. Mr. Carmichael.

241. **Plane Surveying. I.** Three hours.
PR, Math 231. Mr. Shutts.

ENGLISH

Mr. Weihe, Miss Tate, Miss Lucker, Mr. Opp, Mr. Rhodes, and Staff

102c. **English Fundamentals. I, II.** Three hours.
A requirement for all students who fail to meet certain minimum standards in a placement test. Affords elective credit and eligibility to 102b or, with achievement satisfactory to the department, to 104. Staff.

102b. **First Year Written and Spoken English. I, II.** Three hours.
College-level training in writing and speaking good English, including a short review of grammar, sentence structure, and punctuation; attention to the organization and development of thought, both in student compositions and in expository reading material; guidance in the use of reference books. Staff.

102a. **First Year Spoken and Written English. I, II.** Three hours.
A course for those achieving the highest score in the placement test. An advanced program in reading, speaking, and writing leading to an understanding of English as a medium of communication. Miss Lucker.

104. **First Year Written and Spoken English. II.** Three hours.
A continuation of English 102, with emphasis on reading for implication and critical evaluation; the study of two novels and the writing of a research paper. Staff.
English 102 and 104 are prerequisite for all English courses numbered 200 or above.

202. **Study and Appreciation of English Literature. I, II.** Three hours.
The formulas of literary criticism applied to selections representing types and forms in this literature. Mr. Weihe and Staff.

204. **Study and Appreciation of American Literature. I, II.** Three hours.
A concentrated study of poetry and prose representing types and forms in this literature. Included are such authors as Emerson, Thoreau, Hawthorne, Poe, Twain, Whitman, James, Sandburg, Hemingway, Faulkner, Frost, Cather, Dreiser. Miss Lucker, Miss Tate.
English 202 and 204 are prerequisite for all English courses numbered 300 or above, unless such courses are indicated as exceptions.

207. **Backgrounds of Literature. I.** Three hours.
A survey of literature desirable for children; development of principles of selection and standards of evaluation; wide acquaintance with current books. Miss Tate.

208. **Second Year Written and Spoken English. II.** Three hours.
Development of ability to communicate in clear, effective, correct English, with emphasis on preparation and delivery of representative types of speech. PR, English 102, 104. Staff.

223. **The Old Testament. I.** Three hours.
A study of the literary types and content of the Old Testament. Not offered, 1951-3. Mr. Rhodes.

224. **The New Testament. II.** Three hours.
A study of the literary types and content of the New Testament. Not offered, 1951-3. Mr. Rhodes.

271. **Folk Literature. I.** Three hours.
A survey course whose chief focus is on the study of ballads in the great collection of F. J. Child; but kindred material is also studied and collected; superstitions, hymes, riddles, stories, and songs. Miss Musick.

302. **Narrative and Descriptive Writing. I.** Two hours.
Practice in writing the simpler forms of fiction and personal narrative with descriptive detail. Miss Tate, Miss Lucker, Mr. Rhodes.

313. **Shakespeare. I.** Two hours.
A study of representative comedies. Mr. Rhodes.

314. **Shakespeare. II.** Two hours.
A study of representative tragedies. Mr. Rhodes.

318. **Modern Drama. II.** Three hours.
The history of the British drama and the study of modern dramas—Continental, British, and American—from Ibsen to the present time. Alternates with 418. Not offered 1952-3. Miss Tate.

321. **A study of the English Language. I.** Three hours.
Word history and analysis; diction; descriptive grammar and constructions; fundamentals of composition. PR, English 102, 104. Required of all prospective teachers of English. Miss Tate.

322. **The Modern Short Story. II.** Two hours.
A critical study of this art form as a representation of dramatic motivation in human experience, based upon the work of British, Continental, and American authors. Mr. Weihe.

324. **The Modern Novel. I.** Three hours.
An historical and critical study of great British and American novels of the nineteenth century. Alternates with 330. Offered 1951-2.
Miss Lucker, Mr. Opp.

325. **The Modern Novel. II.** Three hours.
An historical and critical study of great British and American novels of the twentieth century. Alternates with 331. Offered 1951-2.
Miss Lucker, Mr. Opp.

326. **Modern British Poetry. I.** Two hours.
Study of moods, modes, and movements in British poetry of the last hundred years. Mr. Weihe, Mr. Opp.

327. **Modern American Poetry. II.** Two hours.
Study of moods, modes, and movement in American Poetry of the last hundred years. Mr. Weihe, Mr. Opp.

330. **The Literature of the Industrial Era. I.** Three hours.
The reflection of the machine age in the work of British, American, and and Continental writers from 1850 to 1914. Alternates with 324. Not offered 1951-2. Mr. Weihe.

331. **The Literature of the Industrial Era. II.** Three hours.
The reflection of the machine age in the work of British, American, and Continental writers from 1914 to the present. Alternates with 324. Not offered 1951-2. Mr. Weihe.

341. **Survey of World Literature. I.** Three hours.
A study in translation of some of the great writers of the world from Homer through Dante. PR, English 102, 104. Mr. Weihe.

342. **Survey of World Literature. II.** Three hours.
A continuation of 341, covering the period from the Renaissance to modern times. PR, English 102, 104. Mr. Weihe.

351. **Survey of English Literature. I.** Three hours.
A study of the mind and temper of the English people as seen in their literature from Beowulf to the Romantic Movement. Mr. Opp.

352. **Survey of English Literature. II.** Three hours.
A continuation of 351 through the nineteenth and early twentieth centuries. Mr. Opp.

353. **Seventeenth Century Literature. I.** Two hours.
A course dealing mainly with poets and essayists of this period in the light of social backgrounds. Miss Lucker.

354. **Eighteenth Century Literature. II.** Two hours.
A continuation of 353. Miss Lucker.

361. **Survey of American Literature. I** Three hours.
An historical study of the American mind as expressed in literature from colonial times to Hawthorne. Mr. Weihe, Miss Tate.

362. **Survey of American Literature. II.** **Three hours.**
A continuation of 361 to the literature of the present day. One novel of each of the following writers is studied: Hawthorne, Melville, Twain, James. Mr. Weihe, Miss Tate.

403. **Study and Appreciation of English Literature. I.** Three hours.
A course set up on a temporary basis to assist students in transferring from other curricula to Curriculum C. Staff.

404. **Study and Appreciation of American Literature. II.** Three hours.
A course set up in the same manner as 403, to assist students in meeting Curriculum C. requirements. Staff.

413. **Expository Writing. II.** Two hours.
Study and practice of the various kinds of expository writing, with special emphasis upon the skilled production of research papers.
Mr. Rhodes.

418. **English Drama, Exclusive of Shakespeare, through the Eighteenth Century. I.** Three hours.

A close study of representative types of English drama, excepting that of Shakespeare, from the beginnings to the nineteenth century. Such playwrights as Marlowe, Webster, Jonson, Lyly, Beaumont, Fletcher, Goldsmith, Congreve, Sheridan are studied. Alternates with 318. Not offered 1951-2.
Miss Tate.

421. **Interpretation of Poetry. II.** Three hours.

A study of the meaning of poetry and the use of poetry as choric speech.
Mr. Rhodes.

440. **The Philosophy of Literature as Applied to Its Forms. I.** Two hours.

An advanced course in literary criticism dealing with the prose essay and with fiction Mr. Weihe.

441. **The Philosophy of Literature As Applied to Its Forms. II.** Two hours.

A continuation of 440, with poetry and drama as subject matter.
Mr. Weihe.

FRENCH

Miss Terry

101. **Elementary French. I.** Three hours.

Pronunciation, early reading for comprehension of easy prose, elements of grammar, oral and written drill and composition. No credit is given for French 101 without 102.

102. **Elementary French. II.** Three hours.

Continuation of 101. One year of high school French is also considered as a satisfactory prerequisite for this course.

201. **Second Year French. I.** Three hours.

Reading, grammer and conversation. PR, 101, 102, or two years of high school French.

202. **Second Year French. II.** Three hours.

Pronunciation, grammar, reading and conversation. PR, 201.

301. **Literature of the Seventeenth Century. I.** Three hours.

Reading of the plays of Corneille, Racine, and Moliere, with outside reports from other writers. PR, two years of college French or equivalent.

302. **Literature of the Eighteenth Century. II.** Three hours.

Especial emphasis on the writings of Rousseau and Voltaire with outside readings on the other writers. PR, same as for 301.

309. **Advanced Grammar and Composition. I.** Three hours.

421. **Nineteenth Century Literature to 1850.** Three hours.

Emphasis on Hugo, Balzac, Chateaubriand.

422. **French Literature Since 1850. II.** Three hours.

A continuation of 421.

431. **French Civilization and Culture. I.** Three hours.

PR, 12 hours of French, or equivalent.

GEOGRAPHY

Mr. Pence, Mr. Roberts, and Staff

204. **Economic Geography. II.** Three hours.

Relationship of the production of goods and services to the natural landscape; resource content and human activity in the various regions of the world; the economic activities of man in their physical and cultural setting. Staff.

305. **World Political Geography. I.** Three hours.

The state and its areal expression; type and functional classification of the present divisions of the world; factors in delimitation of states; evolution of the present nation-states system; areal aspects and problems of super-state organization. Mr. Pence.

314. **Plant Geography. I, II.** Two-three hours.

The geological and environmental factors that influence the distribution of plants over the earth. Mr. Roberts.

320. **Meteorology and Climatology. II.** Two hours.

The elements of weather and climate. Mr. Roberts.

330. **Conservation of Natural Resources. II.** Three hours.

The problems of availability, production, exploitation, appraisal, distribution, and renewability of natural resources. Resources exhaustion and the national and international problems it has created and will create. Mr. Roberts.

GEOLOGY

Mr. Roberts

302. **Historical Geology. I, II.** Two-three hours.

Origin and geological history of the earth and the evolution of its animal and plant inhabitants; pre-history as revealed in the rocks of the earth's crust.

GERMAN

Mr. Schoeck

101. **First Year German. I.** Three hours.

102. **First Year German. II.** Three hours.

PR, 101, or one unit of high school German.

201. **Intermediate German. I.** Three hours.

Reading, composition, conversation. PR, 102 or equivalent.

202. **Intermediate German. II.** Three hours.

Reading of texts which give background to German history, customs, and culture; composition; lifelike conversation. PR, 201 or equivalent.

301. **Advanced German.** Three hours.

The aim of this course is to make German a really functional language for the student. Command of vocabulary, idiomatic expressions, and grammar, familiarity with the different levels of German style so that the language can be used and taught effectively. PR, 101, 102, 201, 202, or equivalent.

302. **Oral German.** Three hours.

Terminology and idioms of the main sciences and fields. Especial emphasis can be given to those sciences and fields being most important to the students taking the course. PR, 201 and 202, or equivalent.

305. **German Literature of the Twentieth Century** Three hours.
PR, two years of College German or equivalent.

315. **Survey of German Literature. I.** Three hours.
With side-lights to the other forms of German literature. PR, same as for 305.

316. **Survey of German Literature. II.** Three hours.
A continuation of 315. PR, same as for 305.

408. **German Literature of the Classical Period.** Three hours.

422. **Nineteenth Century German Literature.** Three hours.

455. **German Culture and History.** Three hours.
PR, 12 hours of German, or equivalent.

459. **History of the German Language.** Two hours.
PR, 12 hours of German, or equivalent.

467. **Sociology of Language.** Two hours.
Regional problems of language; languages seen as means of culture diffusion; the idioms and "languages" of social groups, classes, and professions. PR, 12 hours of one foreign language, or equivalent.

473. **Psychology and Philosophy of Language.** Three hours.
Origin, growth, essence and function of language in human life. PR, 12 hours of one foreign language, or basic training in philosophy or psychology.

HEALTH

Mr. Hunt, Mr. Glenn Evans and Staff

102. **Personal Health. I, II.** Two hours.
This course consists of a study of the individual health of the student.

206. **Home Nursing. II.** Two hours.
Home care of the young, the sick and the aged. Miss Radford.

241. **First Aid and Safety Education. I, II.** Two hours.
Study of immediate, temporary treatment in cases of accident or sudden illness prior to medical aid. Mr.Wilson.

302. **Community Health and Sanitation. I.** Two hours.
The study and observation of health and sanitation as it affects the community. Mr. Evans.

306. **Marital Relations. II.** Two hours.
Problems of the individual with relation to marriage, personality, parenthood, sex, counseling and the teaching of marital relations.
Mr. Wilson.

308. **School Health Problems. I.** Two hours.
Survey of school programs, school health services and interrelationships.
Mr. Evans.

404. **Physical Inspection. II.** Two hours.
Physical inspection and correction of remedial defects. Mr. Evans.

406. **Family Health Problems.** Two-three hours.
Family health problems considered from the nutritional, sociological, and economic viewpoints. Conducted as a workshop course. Mr. Hunt.

408. **Public Health Problems. II.** Two hours.
The functions of local, state and federal health authorities. Mr. Evans.

461. **Organization and Administration of Health.** Two hours.
Administrative policies and activities of health departments. Staff.

HISTORY

Mr. Lindley, Miss Crystal, Mr. Taylor, and Staff

111. **Development of Socal Institutions. I.** Three hours.
This course is designed to give the student an understanding of the processes by which our social institutions have attained their present status. Here the approach to the study of modern social problems is by learning what past generations have done to solve them. By social institutions is meant government, economic development, religion, culture, education, and human relations in general. Staff.

112. **Development of Social Institutions. II.** Three hours.
Continuation of 111. Staff.

205. **Contemporary Affairs. I.** Two hours
A study of the United States contemporary affairs in their world setting. Miss Crystal.

207. **A Survey of the United States History. I.** Three hours.
Part I—A survey of the United States history from the European background to the Civil War. The course includes a study of the political, social, economic, and cultural forces in their world setting. Miss Crystal, Mr. Taylor.

208. **A Survey of the United States History. II.** Three hours.
Part II—A continuation of History 207. A study of the problems and development of the United States, Civil War to the present.
Miss Crystal, Mr. Taylor.

221. **Modern Europe. I.** Three hours.
Part I—Early modern culture, the Reformation and the rise of the national state system, the economic revolutions and the French revolution. Mr. Lindley.

222. **Modern Europe. II.** Three hours.
Part II—Democracy and nationalism in the nineteenth century, international conflict and world order, modern and contemporary culture.
Mr. Lindley.

302. **History of West Virginia. I, II.** Three hours.
The geography, history and government of West Virginia considered as a unified study of a region. Miss Crystal.

304. **United States and Latin America. II.** Three hours.
A study of the United States in relation to Latin American affairs. Emphasis is on United States-Latin American relations from the Monroe Doctrine to the present. Miss Crystal.

305. **History of United States Foreign Policy. I.** Three hours.
A survey of the foreign policy of the United States to the present time. Special attention is given to European relations, diplomacy in the Far East, events leading to the First and Second World Wars, and the problems of the post war period. Mr. Taylor.

306. **History of Latin America. I.** Three hours.
A survey of the history of Latin America from the conquest to the present. Mr. Lindley.

307. **English History. Part I, I.** Two hours.
The story of England to the Glorious Revolution. Mr. Lindley.

308. **English History. Part II, II.** Two hours.
England from the Glorious Revolution to the present. This course is particularly useful for Pre-Law students as well as for History and Social Studies majors and minors. Mr. Lindley.

311. **Contemporary Mexico. (Summer)** Six hours.
An intensive field study for six weeks of Mexican history, geography, government, politics, economy, society, and culture. Mr. Lindley.

315. **Colonial History of the United States. I.** Two hours.
A detailed study of the European background of United States history and the political, social and economic developments through the Revolutionary War. Mr. Taylor.

316. **Jeffersonian and Jacksonian Democracy. II.** Two hours.
A detailed study of United States history from the Revolutionary War to 1840 with special emphasis on the origin and development of the Federal constitution and Jeffersonian and Jacksonian Democracy. Mr. Taylor.

317. **History of the South. I.** Three hours.
An intensive study of the problems and significance of the South as an integral part of the United States history from colonial times to the present. Mr. Taylor.

318. **Westward Expansion in the U. S.** Three hours.
A detailed study of the problems and significance of the westward movement in the United States from colonial times to the present. Mr. Taylor.

320. **Social and Economic History of the United States.** Three hours.
A survey of the social and economic history of the people of the United States. Miss Crystal.

330. **An Interpretation of American Democracy. I, II.** Three hours.
A study of the development of American democracy in world perspective from colonial times to the preesnt. Mr. Taylor, Miss Crystal.

402. **Contemporary Europe. I.** Three hours.
An intensive study of the contemporary period of international conflict and the struggle for world order and stability. PR, History 111-112 or 221-222. Mr. Lindley.

408. **Growth of the American Nation, 1492-1865. I, II.** Three hours.
A comprehensive study of U. S. history with special attention to the background and development of the Federal Constitution. Miss Crystal.

409. **Growth of American Democracy, 1865-Present. I, II.** Three hours.
A detailed study of U. S. history with emphasis placed on the development of democratic institutions and the background of present social and economic problems. Miss Crystal.

410. **United States Since the First World War. II.** Three hours.
An intensive study of the history of the United States from the First World War to the present. This course does not serve as a part of any U. S. history survey. Miss Crystal.

421. **History of Russia.** Two hours.
Mr. Lindley.

422A. **Recent History of the Far East.** Two hours.
China and Japan. Mr. Lindley.

422B. **Recent History of the Middle East.** One hour.
India and Indonesia. Mr. Lindley.

460A. **Guided Historical Study. I, II.** One-two hours.
Intensive reading and study about a selected subject in the field of American history. Mr. Taylor.

460B. **Guided Historical Study. I, II.** One-two hours.
Intensive reading and study in the field of European history. Mr. Lindley.

462. **Introduction to Methods of Research and Bibliography.** Three hours.
It is the purpose of this course to give the student some training in the science of research and bibliography. Staff.

HOME ECONOMICS

Miss Richmond, Miss Hall, and Staff

101. **Elementary Clothing. I.** Two hours.
Principles of construction which provides experience in the use of patterns, construction processes, and fitting problems through making sport, school, and street clothes. Miss Hall.

102. **Clothing Selection and Construction. II.** Three hours.
The application of principles of line, color, texture, and pattern to the selection and construction of tailored and afternoon clothing. Miss Hall.

103. **Principles of Clothing Selection. I.** Two hours.
A study of color, texture, pattern, and line in relation to clothing the individual. Experiments in color harmony, figure analysis, design analysis, and wardrobe planning. Miss Hall.

107. **Home Making. I.** Three hours.
An elective course in home making, open to all freshman women, which has been planned to give students a working knowledge of the several arts involved in establishing and maintaining the average, modern home. Students earning credit in this course, who may later major in Home Economics, may apply this credit toward departmental graduation requirements, if the grade earned is "B" or better. Miss Richmond, Miss Hall.

108. **Home Making. II.** Three hours.
A continuation of 107.

110N. **Foods and Nutrition for Nurses. I.** Three hours.
The food requirements of an adequate diet for normal individuals. Calculation of the nutritive value of recipes and the planning of diets to meet specifications. Food preparations suitable for liquid, soft and light diet.
Miss Richmond.

201. **Elementary Foods. I.** Three hours.
Application of recent theories of food preparation as they affect the nutritive value, flavor and appearance of food. Preservation and use of available foods. PR, Chem. 101 and 102 or consent of instructor.

202. **Advanced Foods. II.** Three hours.
Continuation of Home Economics 201; also meal service with emphasis on cost in time and money. Miss Richmond.

210. **Textiles. I.** Three hours.

Development of an understanding of the effect of fiber content, construction, and finish on the quality, serviceability, care, and cost of clothing and household fabrics. Miss Hall.

230. **Handcrafts. II.** Two-three hours.

Practical leisure activities for constructing both useful and beautiful accessories for wardrobe and home. Card-weaving, hooking, stenciling, crocheting, stitchary, knitting, etc. Miss Hall

302. **Meal Management.** Three hours.

Meal preparation and table service from the viewpoint of economy of time, effort and money. A variety of meals will be prepared and served—family, buffet, brunch, coffees. The course is designed especially for non-majors in the field. Miss Richmond.

303. **Nutrition. I.** Three hours.

The six food nutrients—characteristies and functions in the normal diet of adults and children. Nutritive value of raw and cooked foods. Calculation of dietaries and preparation of exhibits. PR, H. E. 201, 202. Open to non-majors by consent of instructor. Miss Richmond.

305. **Nutrition in the Public Schools.** Three hours.

Essential nutrition information for the teacher in the public school. Materials and methods of presenting nutrition facts to children. The federal school lunch program as an integral part of the school program.
Miss Richmond.

307. **Family Clothing. I.** Two hours.

The selection and contsruction of clothing for various members of the family from the physiological, economic, aesthetic, and psychological standpoints. Special consideration will be given to renovation problems and clothing for children. Miss Hall.

310. **Family Life Education. I, II.** Two hours.

Accepted facts and desirable attitudes for building personality directed toward good human relationships within the family. Miss Richmond.

312. **Consumer Education. II.** Three hours.

How to select large and small household consumable goods, such as silver, china, glass, cosmetic and electrical appliances. Source materials which provide consumer information; the consumer movement and legislation for consumers. Open to men and women. Miss Richmond.

315. **Home Managemen. II.** Three hours.

A study of the management of the home-financial and mechanical.
Miss Hall, Miss Richmond.

320. **Home Planning and Furnishing. I.** Four hours.

A study of the location and construction of the modern home from the scientific, sanitary, economic, and artistic standpoint. Development of discrimination in the selection and arrangement of furnishings. Experience in planning and in texture, pattern, and color combinations. Miss Hall.

330. **Child Care and Development. II.** Two hours.

The care and development of the infant and pre-school child from the standpoint of home and parent. Miss Richmond.

340. **Quantity Cookery. I.** Three hours.

Practice in selection, purchase and preparation of foods in large quantities. Menu making, food standards, food costs and food service are stressed. PR, Home Ec. 303. Miss Richmond, Mrs. Hamrick.

351. **Applied Design. II.** Two hours.
The development of designs, color combinations, and texture combinations in relation to their use in home and clothing. Miss Hall.

402. **Tailoring (Formerly Advanced Dressmaking)** Three hours.
The construction of a dress, suit, and accessories with emphasis on selection of fabric, fitting, and tailored details. Designed for evening students. Consult instructor for prerequisites. Miss Hall.

403. **Costume Design. II.** Two hours.
Design created for the individual will be constructed by draping into costumes. Emphasis is placed on fitting. Miss Hall.

406. **Home Economics Technique. I.** Two hours.
Required for teachers. The philosophy of home economics and its historic background. Organization of teaching materials; experience before the group in such techniques as demonstrations and discussion leading. Miss Richmond.

408. **Diet in Disease.** Three hours.
The diet therapy approach in disease. Staff members of Fairmont General Hospital.

410. **Advanced Textiles. II.** Three hours.
Fabric analysis and fabric testing for quality and probable serviceability in relation to use. Miss Hall, Mr. Ward.

414. **Institutional Management. I.** Three hours.
A study of the organization and management problems in food service units in institutions. Emphasis will be placed on types of management; personal problems; records for control; store-room procedure; floor plans and routine; equipment and furnishings. PR, Home Ec. 340. Staff.

INDUSTRIAL ARTS*

Mr. Johnson, Mr. Carmichael, Mr. Wise and Staff

101. **General Bench Wood Work.** Two hours.
A beginning course of wood work in which materials, tools, tool processes, fastenings, and constructions are studied. Construction work consists of projects embodying typical tool operations. No power machines are used in this course. Mr. Johnson.

110. **General Shop. I.** Two hours.
This course is designed for those students who have had no industrial education training before coming to this college. Industrial education majors and minors with no previous work in this field should take this course first, also students wishing to discover their interests or aptitudes or to broaden their educational outlook. Mr. Wise.

130. **Elementary Applied Electricity.** Two hours.
A study of electrical theory followed by laboratory practice. Bell circuits, house wiring, fluorescent lighting, and wiring, and the repair of household appliances will be studied. The making of a miniature motor will be included in the shop projects. Mr. Wise.

134. **Machine Shop. I.** Two hours.
A beginning course in the use of the fundamental hand and machine tools. Study will involve care and operation of the lathe, drill press, and grinder. Material and tool specifications will be introduced. Mr. Carmchael.

140. **General Mechanical Drawing.** Two hours.

A study of drawing as the universal language of industry. This course is on the college level for beginners. It includes lettering, orthographic projection, developed surfaces, sectional views, working drawings, and blue printing. Mr. Wise.

202. **Machine Woodworking.** Two hours.

A study of the principles of cabinet construction and design as applied to furniture manufacture. Woodworking machines are used in the construction of projects involving the problems studied. Mr. Johnson.

212. **Printing. I.** Two hours.

215. **Auto Mechanics. I.** Two hours.

220. **Sheet Metal. I.** Two hours.

A beginning course including instruction in laying out surface patterns, making useful articles involving typical stretch outs, joints, wiring, soldering, and riveting. Mr. Carmchael.

234. **Machine Shop. II.** Two hours.

A continuation of 134, in which more intensified training will be given in the operation of the metal working machines. PR, 134. Mr. Carmichael.

230. **Electricity. II.** Two hours

A study of electrical theory followed by laboratory experiments and practice. Motor and generator circuits, elementary transformer windings, and methods of current control will be studied. Mr. Wise.

242. **Architectural Drawing. I.** Two hours.

A course in the study of houses. It includes architectural lettering and conventions, plans and elevations, and a study of building materials and specifications. PR, 140. Mr. Wise.

303. **Furniture Construction and Design. I.** Two hours.

Emphasis will be placed upon the study of furniture design and construction. The student will plan completely for projects to be made in 304. PR, 101, 202. Mr. Johnson.

304. **Cabinet Making. I.** Two hours.

A continuation from 303. The project will be made in conformity with the drawings and specifications developed in the previous course. Advanced work in the use of machine tools, techniques and processes will be stressed. A high level of craftsmanship will be maintained. PR, 101, 202, 303. Mr. Johnson.

308. **Wood Finishing.** Two hours.

A survey course in the materials and methods commonly used in the finishing of furniture and similar articles, and readily applicable to use in High School shop situations. The various types of dyes, stains, shellacs, varnishes, lacquers, and sealers will be used on sample panels. PR, 101. Mr. Johnson.

312. **Printing. II.** Two hours.

314. **Plastics and Crafts. I.** Two hours.

Craft work in plastics, leathers, and metals. A study will be made of plastics and their uses. Leathercrafts will involve designing, tooling, and surface enrichment. Metal craft will be in copper, brass, silver and stainless steel involving forming, embossing, chasing, planishing, etching and spinning. Johnson, Wise.

315. **Auto Mechanics. II.** Two hours.

320. **Sheet Metal. II.** Two hours.

A continuation from Sheet Metal I. Advanced work will be offered in lay-out problems, joints, and other typical sheet metal situations commonly found in duct work. PR, 220. Mr. Carmichael.

322. **General Shop. II.** Two hours.

This is a course providing a variety of experiences in the metal working field. It will include instructional units in art metal. bench metal, sheet metal, and welding. PR, 110, 134. Mr. Carmichael.

325. **Organization and Administration of Industrial Arts. I.** Two hours.

A course designed to aid the student as a future teacher of industrial arts. Problems of administration, shop arrangement, care of machinery, ordering of materials and supplies, and techniques of shop instruction will be studied. PR, 12 hours of Industrial Arts courses. Mr. Johnson.

334. **Machine Shop. III.** Two hours.

This class leads the advanced student into the problems and the methods of solving these problems in milling machine operations. Gearing problems, equations, gear cutting methods, and the necessary related technical information will form the basis of this course. PR, 134. 234. Mr. Carmichael.

335. **Philosophy of Industrial Arts.** Three hours.

This course is designed to give the student a historical background of the industrial arts movement as a basis for developing a philosophy as to the place and function of industrial arts in general education. PR, 325 and 12 hours of Ind. Arts courses. Mr. Johnson.

342. **Architectural Drawing. II.** Two hours.

A continuation of 242 in which design of houses, building materials, specifications, and cost of construction is studied. Each student will develop a complete set of plans, specifications, and cost estimates for his own house. PR, 140, 242. Mr. Wise.

345. **Acetylene Welding.** Two hours.

The care, operation. use, maintenance and methods of welding and brazing the common metals using the oxy-acetylene welding torch. PR, 134, 322. Mr. Carmichael.

346. **Arc Welding.** Two hours.

The care, operation, maintenance, methods, and safety precautions necessary in the welding of the common metals by the use of the arc welder. Welding will be done with both types of welding machines. PR, 134, 322. Mr. Carmichael.

350. **Machine Drawing. I.** Two hours.

A course in which the characteristics of metals and machine parts are studied. Typical machine elements such as screw threads, cams, and gears are drawn and blue printed. Mr. Wise.

360. **Shop Planning.** Two hours.

Designing plant facilities for the Industrial Arts area of the school program. A study of the placement and use of the proper type of equipment used in the school shop in relation to the community in which the school is located. PR, 140, 325. Mr. Wise.

362. **General Graphic Arts.** Two hours.

365. **Auto Mechanics. III.** Two hours.

388. **Cabinet Making. II.** Two hours
A continuation of 304 with emphasis on the use of advanced techniques in the design and construction of home furniture. Mr. Johnson.

404. **Building Construction. I.** Two hours.
Actual construction of small buildings and the problems involved in the erection of the building from the ground up. The course will be off campus in building erection work. Summers only. PR, I. A. 101, 242, 342, or 12 hours of I. A. work. Mr. Johnson.

405. **Building Construction. II.** Two hours.
A continuation of 404 Mr. Johnson.

408. **Cabinet Making. III.** Two hours.
Further study beyond the work done in 388. Particular attention is given to the use of veneers, inlays, overlays, and other advanced methods of enhancing the finished appearance of projects. PR, 388. Mr. Johnson.

414. **Plastics and Crafts. II.** Two hours.
Advanced craft work in plastics. leathers, and metals. A continuation of 314. Mr. Johnson, Mr. Wise.

415. **Driver Education.** Two hours.

420. **Sheet Metal. III.** Two hours.
A course designed to develop the student in the mastery of more advanced problems in sheet metal layout and forming. Emphasis will be placed on the type of work normally met in the heating and air conditioning industry. PR, 320. Mr. Carmichael.

422. **General Shop. III.** Two hours.
A continuation of 322, with advanced training in metal working and covering the additional areas of forging, foundry and heat treating. Pr, 322. Mr. Carmichael.

434. **Machine Shop. IV.** Two hours.
A continuation of 334, with advanced training in the operation of the milling machines and the various types of grinders. PR, 134, 234, and 334. Mr. Carmichael.

442. **Architectural Drawing. III.** Two hours.
Advanced problems of architectural design, incorporating the classical motifs in the overall scheme of housing and building plans. Shades and shadows, perspective. detailing, and the making of a model will complete the architectural sequences. PR, 242, 342. Mr. Wise.

450. **Machine Drawing. II.** Two hours.
This course involves a study of machine design, properties, strength of metals and alloys. A small machine will be designed, drawn, and blue printed. PR, 140, 350. Mr. Wise.

462. **Architectural Drawing. IV.** Two hours.
A class in the study of the Classic Orders of Architecture. Emphasis will be given so as to show the great influence these Architectural Orders have exerted on architectural styles throughout the centuries up to and including the present. PR, 242, 342, 442. Mr. Johnson.

474. **Industrial Maintenance. I.** Two-three hours.
Care and maintenance of industrial equipment pertaining to the metal working trades, improvement in shop layout and equipment facilities. PR. senior standing and advanced training in the metal areas. Mr. Carmichael.

475. **Mill Wrighting. II.** Two-three hours.
Care and maintenance of equipment commonly found in the woodworking trades, development of shop organizations and layout and equipment facilities. PR, senior standing and advanced training in the woodworking areas. Mr. Johnson.

490. **Methods and Materials of Teaching Industrial Arts** Two hours.
A course in which the particular problems and techniques of teaching Industrial Arts are dealt with. Emphasis is given to the special methods of handling demonstrations, uses of special teaching aids and other related problems peculiar to the Industrial Arts shop. PR. 325, 335 and senior standing. Mr. Johnson.

*The Industrial Arts Department operates, during the regular academic year, on a nine weeks plan. Classes in this department normally carry two-hour credits and meet daily, five days per week, for two periods.

JOURNALISM*

Mr. House and Staff

140. **Introduction to Reporting. I, II.** Three hours.
Fundamentals of reporting; gathering and writing news; journalism as a possible vocation; how to cooperate with the press, be a better newspaper reader.

240. **Advanced Reporting. II.** Three hours.
Continuation of 140 with emphasis on covering news of courts; practice in reporting specialized news.

302. **Editing and Make-up. I.** Two hours.
Preparation of copy for the printer; copy-editing, proofreading, headline writing; layout of the page.

305. **History of Journalism (and Communications). I.** Three hours.
History of journalism from Colonial days to the present; contemporary problems in the light of their historical development; growth of newspapers from organs of political parties to the social instruments of today; consideration of radio, television and facsimile.

312. **Publication Problems. II.** Two hours.
A practical course for teachers who supervise a school newspaper, yearbook, handbook; for editors of company newspapers (house organs); for anyone charged with producing a publication.

320. **Advertising. I, II.** Three hours.
A survey course. The social, psychological and some technical aspects of advertising. For Business and Journalism students.

330. **Community Relations.** Two hours.
A workshop course. Staff.

412. **Journalism Practice. I, II.** Two hours.
Practical experience on the college newspaper, yearbook, local daily newspapers, radio stations, plus guided reading in the student's field of major

interest; for example, writing for radio, newscasting, magazine article writing, dramatic criticism, editorial writing, business management, circulation promotion, public relations, advertising, photography. For Journalism majors or minors.

470. Communications in Society. I. Two hours.

A study of public opinion and propaganda; the influence of old and new forms of communication on the social order; why and how people react to news, publicity, public relations, propaganda; reference to laws of libel. For Social Science and Journalism students.

471. The Newspaper and Society. II. Two hours.

Development of the newspaper as a social force; present practice and principles of the press; ethics and influence of newspapers. For Social Science and Journalism students.

*General recommendations of the American Association of Schools and Departments of Journalism have been observed in setting up requirements and courses.

LATIN

Miss Terry

101. Elementary Latin. I. Three hours.

102. Elementary Latin. II. Three hours.

Continuation of Latin 101.

LIBRARY SCIENCE

Mr. Jones and Staff

101. The Use of the Library. I. One hour.

This is a course planned to acquaint students with the resources of the library and to enable them to use this material efficiently. Mr. Jones.

207. Children's Literature and Story Telling. I. One hour.

This course is given as English 207. Backgrounds of Literature. Miss Tate.

302. School Library Administration. I. Three hours.

A study of organization and administration of the school library, and its place in carrying out the objectives of the school program. PR, 101. Staff.

303. Cataloging and Classification. II. Three hours.

In introduction to principles of cataloging and classification, with practice in cataloging and classifying many types of books used in school libraries. PR, 101, O. A. 101, or its equivalent. Staff.

305. Selection and Use of Secondary School Library Materials. II. Two hours.

This course is designed to aid teachers in the effective use of school libraries as an instrument of instruction. Sources of information about books, other printed material and audio-visual aids, and their use in the secondary school curriculum are studied. PR, 101. Mr. Jones.

306. Reference and Bibliography. I. Two hours.

A study of basic reference books, especially those useful in school libraries. Problems in evaluating and using reference books and in bibliography making. PR, 101; O. A. 101, or its equivalent. Mr. Jones.

404. Practice Work. I, II. Two-three hours.

Individual work based on student's previous experience and related to student teaching when possible. Part of this work is done at the college and part in the training schools. PR, 101, 302; O. A. 101, or its equivalent.
Mr. Jones and Staff.

MATHEMATICS

Mr. Shutts, Miss Musick, Mrs. Ford and Staff

1. **Intermediate Algebra. I, II.** ½ unit.
This course is designed for students with only one unit of algebra in high school. Miss Musick.

111. **Review Albegra. I, II.** Two hours.
PR, One and one-half units of high school Algebra. Mrs. Ford.

121, **Solid Geometry. I, II.** Three hours.
PR, Plane Geometry. Mrs. Ford.

141. **Busines Mathematics. I, II.** Two hours.
This course is designed especially for students in business administration. The following topics are studied: buying and selling, manufacturing, interest and banking, investments, money and credit, and social security. Opportunity is given for review in the fundamentals of arithmetic. Mrs. Ford.

203. **Practical Arithmetic.** Two hours.
This course is designed especially for students wishing to meet the mathematical requirement for the elementary certificate. Staff.

205. **General Mathematics. I.** Two-four hours.
This course is designed especially for all students wishing to meet the mathematical requirements for public school certification and general education in mathematics. Staff.

221. **College Algebra. I, II.** Four hours.
PR, Math. 111. Miss Musick.

231. **Plane Trigonometry. I, II.** Three hours.
PR, Math. 111. Mr. Shutts, Mrs. Ford.

251. **Analytical Geometry. I. II.** Four hours.
PR, Math. 221 and Math. 231. Miss Musick.

311. **Navigational Trigonometry. II.** Three hours.
This course is designed to provide a thorough knowledge of spherical trigonometry and to acquaint the student with some of the problems encountered in astronomy and in the navigating of aircraft and surface vessels. PR, Math. 231. Mrs. Ford.

321. **Differential Calculus. I.** Four hours.
PR, Math. 251. Mr. Shutts.

331. **Integral Calculus. II.** Four hours.
PR, Math. 321. Mr. Shutts.

341. **Theory of Equations. I.** Three hours.
PR, Math. 331. Mrs. Ford.

351. **Mathematics of Finance and Investment. I.** Three hours.
This course is designed especially for students in business administration. The following topics are studied: annuities, amortization, sinking funds, interest, bonds, depreciation and replacement, the elements of actuarial science. PR, Math 221. Mrs. Ford.

361. **Higher Algebra. II.** Three hours.
This course includes determinants, and the theory of integers, real and complex numbers, groups, rings and fields. Miss Musick.

401. **Differential Equations. II.** Three hours.
PR, Math. 331. Mr. Shutts.

405. **Modern Geometry. II.** Three hours.
The topics studied: An extension of the principles and proofs of plane geometry, including homothetic figures, the nine point circle, Wallace line, Brocard points, harmonic ranges, inversion and the geometry of the triangle. PR, Math. 251. Mr. Shutts.

411. **Advanced Calculus. II.** Three hours.
PR, Math. 331. Mr. Shutts.

421. **Descriptive Astronomy. I.** Three hours.
PR, Math. 251. Mrs. Ford.

431. **Theory of Determinants and Analytics of Space. I.** Three hours.
PR, Math. 321. Mr. Shutts.

441. **Projective Geometry. II.** Three hours.
The purpose of this course is to introduce the methods of projective geometry based on the use of homogeneous coordinates. The methods will be developed through a study of the straight line, duality, one-one algebratic correspondence and cross ratio, conics. and quadrilateral and quadrangle. Some attention will be given to interpreting results metrically. PR, 431. Mr. Shutts.

451. **History of Mathematics. I.** Three hours.
This course is designed especially for teachers majoring in mathematics. PR, Math. 331. Mrs. Ford.

MUSIC

Mr. Evans, Mr. Greco, Miss Price, Mrs. Donham

101. **Elementary Music, or Music as an Art and a Science. I, II.** Two hours.
The following topics are studied: terminology of music, scale building. rhythm problems and the use of syllables in sight singing. A study of the lives and works of the great composers will be made. Mr. Evans.

102. **Music Materials and Procedures. II.** Two hours.
The course includes materials and methods for dealing with the various phases of music in the public schools. PR, Music 101. Miss Price.

104. **Sightsinging. II.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: music in unison, two and three parts; simple chromatics using both the bass and treble staffs. PR, Music 101. Miss Price.

107. **Piano. I, II.** One hour.
This course is designed for beginners. The following materials are learned: the completion of an elementary piano book, all major scales, hands separately and one piece learned and memorized for performance. Open to all students. Mr. Evans.

108. **Piano. I. II.** One hour.
Continuation of Music 107. Mr. Evans.

141. **Voice. I, II.** One hour.
This course is designed for any student possessing a voice with enough quality, after an audition, to merit training. The following topics are studied:

Voice placement, breath control, proper formation of vowels and consonants, vocalises and easy songs in English and Italian. PR, Audition.
Miss Price, Mr. Evans.

142. **Voice. I, II.** One hour.
Continuation of Music 141. Miss Price, Mr. Evans.

*165-466. **Fairmont College—Community Male Chorus. I, II.** One hour.
This organization is made up of college and community men. It performs for college affairs and activities outside the campus. Open to all men able to sing a part. PR, Tryout. Mr. Evans.

*167-468. **Orchestra. I, II.** One hour.
The study of orchestral literature and administration through participation. Open to all students who can play an instrument needed to keep a well balanced organization. PR, Tryout. Mr. Greco.

*169-470. **Band. I, II.** One hour.
Open to all students who can play an instrument needed to keep a balanced organization. This course is designed to present a study of band literature and administration through participation. PR, Tryout. Mr. Greco.

*171-472. **Women's Chorus. I, II.** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature, organization and administration of a Woman's Chorus. PR, Tryout. Miss Price.

*173-474. **College Choir.** One hour.
Open to all students who can sing a part. This course is designed to present a study of choral literature and administration through participation. PR, Tryout. Mr. Evans.

* Training in band, orchestra, chorus, and individual orchestral instruments may be taken in each semester of each year. If in the first year, the course numbers will be 165, 166; in the second year 265, 266, and so on.

203. **Ear Training. I.** Two hours.
This course is designed especially for music majors and minors. The following topics are studied: Recognition of simple melodies and rhythmic patterns. gaining ability to visualize and write melodic phrases in all keys. PR, Music 104. Mr. Evans

205. **Music in Human Relations. I, II.** Two hours.
This course is open to all students as a general education course in music. Miss Price.

207. **Piano. I, II.** One hour.
Studies: The little Preludes and Fugues of Bach.
Scales: All majors and harmonic scales, hands together; melodic minor scales, hands separately. M. M. Quarter note 80—eighth notes, two octaves; triplet eighth notes, three octaves, sixth notes, four octaves.
Sonatine by Clementi, Kullau, etc. Pieces of comparable difficulty, as assigned by instructor. PR, Music 108. Mr. Evans.

208. **Piano. I, II.** One hour.
Continuation of Music 207. Mr. Evans.

211. **String Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction. PR, Music 101. Mr. Greco.

212. **String Class. II.** One hour.
A continuation of 211. Mr. Greco.

213. **Brass Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction. PR, Music 101. Mr. Greco.

214. **Brass Class. II.** One hour.
A continuation of 213. Mr. Greco.

215. **Woodwind Class. I.** One hour.
This course is open to all students with sufficient background in music. A working knowledge of the instruments of the woodwind choir is attained through class instruction. PR, Music 101. Mr. Greco.

216. **Woodwind Class. II.** One hour.
A continuation of 215. Mr. Greco.

241. **Voice. I, II.** One hour.
Technical work continued with more emphasis placed on voice placement and breathing. It is expected by this time that the student will have studied songs other than English, preferably Italian. PR, Music 142.
Miss Price, Mr. Evans.

242. **Voice. I, II.** One hour.
Continuation of Music 241. Miss Price, Mr. Evans.

275. **Violin. I, II.** One hour.
This course is designed for individual study of the techniques of violin playing. Studies in first position will be used with a knowledge of third position learned. PR, Music 211. Mr. Greco.

279. **Cello. I, II.** One hour.
This course is designed for individual study of the techniques of cello playing. Studies of grade two will be used with scales through fourth position. PR, Music 211. Mr. Greco.

283. **Clarinet. I, II.** One hour.
This course is designed for individual study of the techniques of clarinet playing. Studies by Klose, Part I and II will be used. Duets and solos of comparable difficulty will be studied. PR, Music 215. Mr. Greco.

285. **Flute. I, II.** One hour.
This course is designed for individual study of the techniques of flute playing. Studies by Hickok, Wagner and Etudes by Kohler, books I and II will be used. PR, Music 215. Mr. Greco.

289. **Trumpet or Cornet. I, II.** One hour.
This course is designed for individual study of the techniques of trumpet playing. The Arban Method for cornet will be used with the beginning of an elementary song repertoire. PR, Music 213. Mr. Greco.

291. **Trombone. I, II.** One hour.
This course is designed for individual study of the techniques of trombone playing. Methods by Clarke and Muller will be used. Songs for trombone will be studied. PR, Music 213. Mr. Greco.

301. **Music Appreciation. I, II.** Three hours.
This course consists of a general survey of music with the idea of a broader and more cultural understanding of music as an art. Open to all students. Miss Price.

307. **Piano. I, II.** One hour.
Technical studies continued with scales in thirds, sixths and tenths; all harmonic and melodic minor scales; hands together. M. M. Quarter note 100. Studies by Czerny, Op. 299. Bach Inventions. PR, Music 208. Mr. Evans.

308. **Piano. I, II.** One hour.
Continuation of Music 307. Mr. Evans.

311. **Harmony. I.** Two hours.
This course consists of exercises for the mechanics of voice-leading in four-part vocal harmony, definite harmonic progression in relation to other chords. Study of intervals, trails, seventh chords and the inversion of seventh chords. PR, Music 203. Mr. Greco.

312. **Harmony. II.** Two hours.
Continuation of Music 311. Mr. Greco.

313. **History. I.** Three hours.
The course consists of a study of music from early times to the Romantic Period. Recorded examples are used. Open to all students. Mr. Evans.

314. **History. II.** Three hours.
A continuation of 313 covering the Romantic and Modern Periods.
Mr. Evans.

341. **Voice. I, II.** One hour.
Earlier studies continued with more advanced songs in English and foreign languages. PR, Music 242. Miss Price, Mr. Evans.

342. **Voice. I, II.** One hour.
Continuation of Music 341. Miss Price, Mr. Evans.

345. **Conducting. I.** Two hours.
This course deals with the rudiments of conducting with emphasis placed on choral work. PR, Ten hours of Music. Mr. Evans.

346. **Conducting. II.** Two hours.
A continuation of the techniques of the baton are studied with emphasis placed on orchestral directing. Score reading and elementary orchestration are studied. PR, Music 345. Mr. Evans.

401. **Form and Analysis. I.** Two hours.
The following topics are studied: structural designs upon which music is based, and the representative works of the great masters of musical composition of the classic, romantic, and modern periods. Mr. Greco.

407. **Piano. I, II.** One hour.
Studies of Czerny Op. 299 and 740. A Bach Suite, Beethoven Sonata, or more modern composer. Two pieces of comparable difficulty to be memorized for performance. Scales—All Major, Harmonic and Melodic scales, in octaves, thirds, sixths, and tenths. Sixteenth notes, four octaves. PR, Music 308. Mr. Evans.

408. **Piano. I, II.** One hour.
Continuation of Music 407. Mr. Evans.

431. **Music Education for Secondary Schools. I.** Two hours.
This course deals with the techniques involved in music subjects and the organization of musical organizations in the Junior and Senior high schools. **PR, Music 346.** Miss Price.

441. **Voice. I, II.** One hour.
More advanced technique studied, with recitative, lyric and dramatic examples from the operas and oratorios included. There will be more public appearances both in concert and radio. PR, Music 342. Miss Price, Mr. Evans.

442. **Voice. I, II.** One hour.
A continuation of 441. Miss Price, Mr. Evans.

OFFICE ADMINISTRATION

Miss Hunsinger, Mr. Larkin.

100. **Personal-Use Typewriting. II.** One hour.
This is a course for non-majors and cannot be credited toward a major in office administration or toward certification to teach typewriting. Staff.

101. **Beginning Typewriting. II.** Two hours.

102. **Beginning Typewriting. I.** Two hours.
Continuation of Office Administration 101.

201. **Beginning Shorthand. I.** Four hours.
PR, Sophomore standing or consent of Instructor.

202. **Beginning Shorthand. II.** Four hours.
Continuation of Office Administration 201.

211. **Vocational Typewriting. II.** Two hours.
PR, Office Administration 102 or equivalent.

301. **Advanced Shorthand and Transcription. I.** Four hours.
PR, Office Administration 102 and 202 or equivalent.

302. **Advanced Shorthand and Transcription. II.** Four hours.
Continuation of Office Administration 301.

311. **Office Machines and Filing. I, II.** Two hours.
PR, Office Administration 102 or 211.

312. **Advanced Office Machines. I.** One-two hours.
PR, O.A. 311.

351. **Clerical Practice. I.** Three hours.
PR, Office Administration 211 and 311.

401. **Secretarial Practice. I.** Three hours.
PR, Office Administration 211 and 301.

402. **Cooperative Office Practice. II.** Three hours.
Part-time work in business offices. PR, Office Administration 401 or consent of instructor.

PHILOSOPHY

Mr. Bennett and Staff

101. **Introduction to Philosophy. I, II.** Three hours.
This course surveys the main problems in the field of philosophy and attempts to make relevant to the needs of the student the resources of the philosophic quest for constructive criticism of individual and social patterns of living.

201. **Introduction to Systematic Methods of Study. I.** Three hours.
An introduction to the essential requirements of systematic inquiry as these requirements are related to the needs of the student's academic program. The course surveys the problems of scientific methods of study and the function of logic.

202. **The Methods of the Sciences and the Humanities. II.** Two hours.
The principal methods of applying scientific principles of inquiry in the social and physical sciences, the humanities, and religion.

210. **Introduction to Ethics. I.** Three hours.
A study of the principal bases of individual and social ethics in the living of the ethical life within a complex society.

211. **Social Ethics. II.** Three hours.
A critical and constructive ethical study of the dynamics of contemporary society with the varietv of cultural movements and the principal ethical questions which demand individual decision.

301. **Philosophic Thought in the West to 1300 A.D. I.** Two hours.
A study of the role of philosophy in the culture of the West from the Homeric period to the scholasticism of St. Thomas Aquinas.

302. **Philosophic Thought in the West to 1800 A.D.** Two hours.
A continuation of 301.

303. **Movements of Thought Since 1800. I, II.** Two hours.
A survey of the main modern philosophers in England and Europe since Kant.

320. **The Morals of Western Civilization. I.** Three hours.
An historical survey of the principal ethical systems in the philosophic tradition of the West.

330. **Philosophy of Religion. I.** Three hours.
A survey of the main thinkers and the principal problems of contemporary philosophy of religion.

401. **A History of American Philosophy. I, II.** Three hours.
A survey of philosophy in America from the colonial period to the present.

402. **Social and Political Philosophies of the Modern World. I, II.** Two hours.
A critical and constructive study of the various philosophic systems of social reconstruction that have appeared since 1800.

404. **The Philosophy of American Pragmatism. I.** Two hours.
A careful and analytic study of the philosophic thought of the American pragmatists including Charles S. Peirce, William James, George Herbert Mead and John Dewey.

410. **Aesthetics. II.** Three hours.
A survey of the various theories of artistic expression and the examination of the problems of a philosophy of art.

411. **Recent Philosophies of Education. I.** Three hours.
A critical study of contemporary philosophies of education and the major problems of the philosophy of education.

415. **Philosophies of the Non-Western World. I.** Two hours.
A survey of the philosophic systems in Mohammedanism, Hinduism, and Confucianism.

420. **Seminar: The Philosophy of History. I.** Two hours.
The main problems of a philosophy of history and a survey of some of the principal contributors to the field such as Ranke, Droysen, Bernhardt, Dilthey, Toynbee and others.

422. **Seminar: The Sociology of Knowledge. II.** Two hours.
A study of the sociological basis of intellectual behavior with a survey of some of the principal thinkers in the field.

450. **Guided Reading and Research in Philosophy and Religion.** Three hours.

PHYSICAL EDUCATION

Men's Division—Mr. Colebank, Mr. Wilson, and Staff
Women's Division—Miss Walters, Miss Barry, and Staff

101. **Freshman Orientation. I.** One hour.
Introduction to physical education activities. (W) Miss Barry.

111. **Freshman Orientation. II.** One hour.
Continuation of 101. (W) Miss Barry.

115. **Freshman Orientation. I.** One hour.
This course includes touch football, basketball, volleyball, soccer and softball. (M) Mr. Colebank.

116. **Freshman Orientation. II.** One hour.
This course includes archery, badminton, table tennis, handball, boxing, wrestling, horseshoes, foul shooting. (M) Mr. Colebank.

117. **Skill Techniques. I.** One hour.
Techniques of soccer and volleyball. (W) Miss Walters.

118A. **Football. I.** One hour.
Participation in football. (M) Mr. Wilson.

118B. **Basketball. II.** One hour.
Participation in basketball. (M) Mr. Wilson.

118C. **Baseball. II.** One hour.
Participation in baseball. (M) Mr. Wilson.

118E. **Track and Field Events. II.** One hour.
Participation and field work in track and field events. Mr. Davis.

119. **Skill Techniques. I.** One hour.
Techniques of basketball and softball. (W) Miss Walters.

131. **Beginning Swimming. I, II.** One hour.
Open only to those with no swimming experience. Includes rhythmic breathing, floats, change of direction, turning over and elementary strokes. Miss Walters.

214. **Leadership in Graded Games. II.** Two hours.
Graded games and lead-up games for playground and gymnasium. Required for Curricula B and C. Miss Barry.

217. **Skill Techniques. I.** One hour.
Techniques of field hockey. Officiating of soccer and volley ball. (W).
Miss Walters.

219. **Skill Techniques. II.** One hour.
Techniques of speedball. Officiating of basketball and softball. (W).
Miss Walters.

226. **Techniques of Modern Dance. I, II.** One hour.
Miss Barry.

231. **Intermediate Swimming. I, II.** One hour.
To be determined by ability test. Practice in the nine fundamental strokes. Diving. Miss Walters.

237. **Fundamentals of Tennis. I, II.** One hour.
Practice in forehand, backhand, service and participation. Miss Walters.

310. **Human Anatomy and Physiology. I.** Two hours.
A study of the anatomical structures and physiological functions of human beings. PR, Biol. 101, 102. Staff.

311. **Kinesiology. II.** Two hours.
Principles of body mechanics, muscle action and skills. PR, 310. Staff.

315. **The Intramural Program. I, II.** Two hours.
A study of the intramural program in school activities with practice in directing such a program. Miss Walters.

317. **Stunts and Tumbling. I, II.** One hour.
Individual, dual and group stunts and pyramids. Miss Walters.

320. **Coaching and Officiating Football. I.** Three hours.
Mr. Colebank.

321. **Coaching and Officiating Basketball and Baseball. II.** Three hours.
Mr. Colebank.

322. **Coaching Track and Field Events. II.** Two hours.
Mr. Davis.

325. **Folk Dancing. I, II.** One hour.
Folk dances of various nations. Miss Barry.

326. **Modern Dance. II.** One hour.
Advanced technique and composition. Miss Barry.

331. **Swimming Techniques and Life Saving. II.** Two hours.
PR. 231 or permission of the instructor. Miss Walters.

337. **Advanced Tennis. II.** One hour.
Advanced strokes and participation in tournament play. Mr. Lindley.

351. **History and Principles of Physical Education. II.** Two hours.
A study of the development of physical education and the principles upon which it is based. Miss Walters.

361. **Methods in Physical Education. I.** Two hours.
Theory and observation of the teaching of physical education.
Miss Barry.

425. **Children's Rhythms. II.** One hour.
Miss Barry.

426. **Survey of the Dance. II.** Two hours.
Methods, materials and practice. Miss Barry.

461. **Organization and Administration of Physical Education. II.** Two hours.
Administrative policies and activities of physical education. Mr. Wilson.

PHYSICAL SCIENCE

Mr. Haught

201. **General Physical Science. I.** Three hours.
Elements of mechanics, heat. sound, light and electricity. A survey course.

202. **General Physical Science. II.** Three hours.
Elements of Chemistry, Geology and Astronomy. A survey course.

315. **Physical Science. I.** Three hours.
An introductory course in physical science which aims to present a scientific background and inspire greater appreciation and understanding of man's physical environment. The course is non-technical.

316. **Physical Science. II.** Three hours.
Continuation of 315.

PHYSICS

Mr. Carroll, Mrs. Ford

101. **General Physics. I.** Four hours.
This course is designed to satisfy the Physics requirement for pre-medical, pre-dental, and other professional courses. It covers the elementary principles of mechanics of solids, liquids and gases, and the study of heat. A two hour laboratory period each week is required. Engineers should schedule Phy. 210.

103. **General Physics. II.** Four hours.
A continuation of 101. This course includes a study of magnetism and electricity, sound and light. A two hour laboratory period each week is required. Engineers should schedule Physics 211.

210. **Engineering Physics. I.** Five hours.
This course is offered for engineers and for Physics majors and minors.

211. **Engineering Physics. II.** Five hours.
A continuation of 210, offered for engineers and for Physics majors and minors.

310. **Electricity and Electronics.** Four hours.
This course includes static electricity, direct and alternating current theory and means of transforming electrical power. The theory of the vacuum tube and electronics is introduced. Four hours laboratory and two hours lecture each week is required.

311. **Electricity and Electronics. II.** Four hours.
A continuation of 310 with additional work in vacuum tube and electronic circuit theory.

320. **Mechanics. I.** **Three hours.**
A course in mechanics applied to the study of particles and objects in space with the general principles of astronomy and the formation of rotating systems in the universe. General theories of the universe and experimental facts will be presented in an elementary manner.

321. **Mechanics. II.** Three hours.
A continuation of 320.

420. **Atomic Physics. I.** Three hours.
This course deals with the study of charged particles, ionization, and conduction of electricity through gases, electromagnetic radiation, and the theory of atomic structure.

421. **Atomic Physics. II.** Three hours.
A continuation of 420.

POLITICAL SCIENCE

Mr. Lawrence, Mr. Pence and Staff

101. **Fundamentals of Political Science. I, II.** Three hours.
An introduction to the theory of political science. Mr. Lawrence.

203. **Comparative Government. I, II.** Three hours.
A survey designed to give a broad general acquaintance with the political institutions and governmental practices of certain other nations. Mr. Lawrence.

206. **American State and Local Government. I.** Two hours.
Investigation of the functions of government as performed on the state and county level. Staff.

207. **American Municipal Government. II.** Two hours.
Investigation of the functions of government as performed in urban areas. Staff.

301. **Special Studies in Political Science.** Credit to be arranged.
Entrance by consent of the department. Mr. Lawrence.

302. **American Government.** Three hours.
A survey of American government devoted to the constitutional basis and functions of the Federal System. Mr. Lawrence.

303. **Political Parties. I.** Three hours.
A study of the origins, growth, and development of the American political party. PR, Pol. Sci. 302. Mr. Lawrence.

305. **American Diplomacy. I.** Three hours.
Problems of organization and policy in the formation and execution of American foreign policies. PR, Pol. Sci. 302. Mr. Taylor.

307. **History of Political Thought. II.** Three hours.
A survey of the field of political thought from Plato to Kelsen, tracing the evolution of modern concepts. PR, Pol. Sci. 101 or consent. Mr. Lawrence.

309. **The Growth and Development of Law. I.** Two hours.
A study of the history of Law, including the Civil Law, the Common Law, and allied systems. Mr. Lawrence.

310. **English Constitutional Law. II.** Two hours.
The development of the Common Law and the English Constitution. PR, History 307, 308, or consent of the department. Mr. Lawrence.

406. **International Problems. II.** Three hours.
The foreign policies of the nations and the machinery established and functioning for the peaceful adjustments of international differences. PR, Pol. Sci. 302, or consent. Staff.

407. **The Legislative Process. I.** Two hours.
Sources of information, methods of law-making, pressures employed and results achieved by legislative bodies. PR, Pol. Sci. 206, 302, and 303. Staff.

408. **The Judiciary. II.** Two hours.
The historical development, composition, duties, and practices of the American courts, with emphasis on the Federal System. PR. Pol. Sci. 206, 302. Mr. Lawrence.

409. **The Administrative Process. II.** Two hours.
The organization, selection, classification, financing, conduct and control of public administration. PR, Pol. Sci. 206, 302. Staff.

462. **Introduction to Methods of Research and Bibliography** Three hours.
It is the purpose of this course to give the student some training in the science of research and bibliography.

PSYCHOLOGY

Mr. Rogers and Staff

104N. **Psychology for Nurses. II.** Two hours.

203. **General Psychology.* I, II.** Three hours.
A study of psychological methods, development, motivation, emotion, learning, memory, and thinking.

204. **General Psychology.* I, II.** Three hours.
A study of sensation, perception, attention, intelligence, aptitude, and personality.

205. **Applied Psychology. II.** Three hours.
The applications of psychological methods and principles in training, business, industry, medicine, and law.

304. **Child Psychology. II.** Three hours.
A study of human behavioral development through infancy to puberty, including a consideration of the formation of habits, attitudes, and interests.

335. **Psychology of Personality. I.** Three hours.
The psychological development and adjustment of the individual, his habits, traits, and attitudes, in response to organic and social influences.

336. **Abnormal Psychology. II.** Three hours.
The causes, prevention and treatment of sensory, affective and intellectual disorders; a consideration of their importance for the interpretation of normal behavior.

400. **Psychometrics.** Two hours.
Theory and practice in the construction, administration, and interpretation of tests and mental and motor performance, intelligence, aptitude, and personality.

402. **Advanced Psychology Seminar. II.** Three hours.
Readings and discussions of current theoretical and experimental writings on methods of investigating and interpreting behavior and experience.

403. **Social Psychology. I.** Two hours.
The formation, interaction and influence of groups; the development of social norms and their effects upon individual behavior.

404. **Psychology of Learning.** Three hours.
Description and interpretation of recent research on the nature of the learning process.

430. **Methods of Research. I, II.** Three hours.
Readings and conferences surveying the experimental and statistical techniques applicable to representative problems in psychology.

*Psy. 203 and 204 are the two halves of an elementary survey of the field of general psychology. Either course may be taken singly; neither is a prerequisite to the other, but students seeking admission to advanced courses in Psychology must have taken either 203 or 204.

RECREATION

Mr. Davis and Staff

126. **Rhythmic Activities. I.** One hour.
Includes fundamental rhythms, social mixers and social dancing.
Miss Barry.

241. **Introduction to Recreation. I.** Two hours.
A general survey of recreation systems, trends, policies, problems and procedures for students interested in the field of recreation. Mr. Davis.

324. **Archery and Badminton. I, II.** One hour.
Care and selection of equipment. Participation. Miss Barry.

325. **Square Dancing. I, II.** One hour.
American squares, quadrilles and longways dances. Miss Walters.

336. **Co-recreational Activities. I.** Two hours.
Experience in organizing and supervising co-recreational activites. Open to Physcal Education and Recreation majors and minors.
Miss Barry.

339. **Bowling. I, II.** One hour.
Participation. Miss Walters.

341. **Workshop and Recreation Institutes.** Two hours.
Expert demonstrations, lectures by outside authorities and group activities. Mr. Davis.

344. **Recreational Leadership.** One-three hours.
Organizing and directing group recreational activities. Mr. Wilson.

345. **Practice Leadership. Summer.** Two hours.
Carefully planned observation trips to recreation centers and playgrounds with opportunities for play direction. Mr. Davis.

346. **Theory and Practice in Recreation and Physical Ed.** Two hours.
Nature and functions of recreation with theory and problems designed to familiarize students with the field. Mr. Davis.

347. **Leisure in the Modern World. II.** Two hours.
The history, significance and functions of leisure and play. Mr. Davis.

442. **Camping and Youth Organization. I, II.** Two hours.
A study of the camping movement, outdoor recreation, and organizations serving youth groups.

443. **Community and Industrial Recreation. I, II.** Three hours.
Organization and supervision of recreation for community and industrial groups. Mr. Davis.

445. **Organization and Administration of Recreation and Playgrounds. II.** Three hours.
A study concerning the organization and administration of playgrounds together with the problems which arise in connection with their operation. Mr. Davis.

RELIGION

Mr. Bennett

220. **Christianity in the History of Western Civilization. I.** Three hours.
A historical survey of the development of the Christian Church and its place and tradition within the history of western culture from the first to the end of the fifteenth century.

221. **Christianity in the History of Western Civilization. II.** Three hours.
A continuation of 220 covering the course of Christian development from the Reformaton to the close of the nineteenth century.

222. **The History of American Christianity. II.** Three housr.
A study of the course of Christian development in American history from the Puritan to the contemporary period.

230. **Old Testament. I.** Three hours.
A survey of the historical development of the Jewish religion to the time of Christ.

231. **New Testament. II.** Three hours.
A survey of the history of the Christian Church to the close of the second century.

305. **The History of Christian Thought. I.** Two hours.
A study of the principal Christian thinkers in the history of Christianity.

307. **Living Non-Christian Religions. II.** Two hours.
A survey of the principal non-western religions, Islam, Hinduism. Buddhism, Confucianism, and others with their systems of thought and their cultural roles.

331. **Psychology of Religion. I** Three hours.
A psychological study of the development of the religious personality and types of religious experience.

405. **Primitive Religions. I.** Two hours.
An anthropological and sociological study of the religious life of primitive peoples.

415. **Seminar: The Sociology of Religion. I.** Two hours.
A course in the methods and problems of the sociology of religion with a survey of some of the principal thinkers in the field.

425. **Seminar: The History of Religions. II.** Two hours.
A critical and comparative study of one or more of the major historical religions of the world and an introduction to the problems of the field.

RETAILING AND DISTRIBUTIVE EDUCATION

Mr. Zeimes, Miss Farr and Staff

105. **Principles of Retailing. I.** Three hours.
A study of the growth and specialization of retail outlets. Modern scientific principles of establishing retail businesses and organizing them into profit making units. Advertising and display, selling, customer service, and personnel management are explained. Opportunities in retailing are pointed out. Miss Farr.

106. **Principles of Retailing. II.** Three hours.
Continuation of 105. Miss Farr.

205. **Salesmanship. I, II.** Three hours.
Thorough preparation for selling in the wholesale, specialty, or retail field. Analysis of buying motives, study of the product, psychology of handling customers, the personality of the salesman as it affects his success, factors in arousing interest, desire, and action will be demonstrated.
Miss Farr, Mr. Zeimes.

210. **Merchandise Information: Textiles. I.** Three hours.
Same as Home Economics 210. Retailing majors will stress the selling points of end products made from textiles, including eye-appeal, care, and the judging of values. Miss Hall.

211. **Merchandise Information: Non-Textiles. II.** Three hours.
Study of the basic materials from which non-textile products are made. These include: leather, furs, metals, cosmetics, wood, glass, rubber, and plastics. Manufacturing processes, methods of judging quality, and care of the consumer product are emphasized. Miss Farr, Mr. Zeimes.

212. **Merchandise Information: Foods. I.** Three hours.
A study of meats, dairy products, fresh, fresh-frozen, canned goods, and packaged groceries. Meal planning, food values, and approved food handling methods are treated from the standpoint of the grocer and the restaurant owner. Mr. Zeimes.

305. **Store Organization and Operation. I.** Three hours.
Development, present procedures and trends in store organization and operation constitute the basic pattern of this course. The modern well-organized store is charted, and the activities of each division are described. Receiving, marketing, delivery, budgeting and control of expenses, adjustments to customers, and personnel procedures are emphasized. Planned observations in stores supplement the course. Miss Farr.

306. **Merchandising. I.** Three hours.
Methods used in buying and selling merchandise to make a profit are treated from the standpoint of the buyer or small merchant. Functional and descriptive phases of buying, such as analysis of demand, seasonal planning, turnover, and open-to-buy, choice of resources, merchandise selection, and the operating statement are emphasized. PR, Math 205. Miss Farr.

307. **Merchandising. II.** Three hours.
Continuation of 306. Mathematical and control phases of scientific merchandising which must be understood and interpreted by the department

buyer, merchandise manager, and merchant, are stressed. Calculations involved in the figuring of mark up, the retail method of inventory, and the operating statement are thoroughly covered. Students make complete plans for operating a store of their own. Miss Farr.

311. **Display. II.** **Three hours.**
Principles and methods of promoting sales through the scientific selection and display of merchandise. A study of color, composition, lighting, fixtures, and backgrounds as used in display will be combined with practical lecture room demonstrations. Emphasis will be placed on judging the effectiveness of displays. Students are encouraged to take Art 291, and Journalism 320 in conjunction with this course. Miss Farr.

314. **Fashion Fundamentals. II.** **Two hours.**
The elements that contribute to fashion, its origin, development, and acceptance are analyzed. Students watch a chosen fashion for a season by means of trade magazines, and predict future. An invaluable aid in buying. Miss Farr.

320. **Interior Decoration. I.** **Two hours.**
Application of the principles of color and design in interior decoration. Explanation of materials, fabrics, and furniture used to achieve various effects. Floor, wall, and window treatments are practiced. A brief study of well known periods in decoration. Not open to students who have earned credit in Home Ec. 320. Mr. Zeimes.

325. **Conference Leading. II.** **Two hours.**
Purposes, advantages, limitations, and types of conference method. Characteristics of conference situations and of good leadership. Initial planning, sequential steps, techniques and devices, problems and tensions, summaries. Evaluation of group and individual attainment. Practice sessions and criticism. Prerequisite: permission of instructor. Mr. Zeimes.

350. **Experience in Merchandising. I.** One-three hours.
Prospective teachers of distributive education will be granted one credit hour for each 100 clock hours of supervised store experience up to a maximum of 6 hours. Students working on this basis will meet once a week in a seminar. A student may take 350 and/or 351 only once, regardless of the credit granted. Open to Distributive Education and Retailing majors only. PR, 105, 106, 205. Mr. Zeimes, Miss Farr.

351. **Experience in Merchandising. II.** One-three hours.
Continuation of 350 with the same prerequisites. Mr. Zeimes, Miss Farr.

405. **Personnel Management. II.** Three hours.
A study of the human factor in relation to the processes of modern retailing. Employment procedures, job analysis, training and maintenance of personnel, as well as the development of an executive force capable of giving promotional training within the store, will be stressed. Mr. Zeimes.

DISTRIBUTIVE EDUCATION

330. **Philosophy and Practice of Vocational Education. I.** Two hours.
History, objectives, development, and current practices in the field of vocational education. Mr. Zeimes.

401. **Organization and Administration of Distributive Education. I.** Two hours.
A basic course in the purpose, objectives, and philosophy of distributive education, with special emphasis on the West Virginia state plan. Methods used in initiating, organizing, and promoting classes engaged in distributive occupations will be stressed. Mr. Zeimes.

402. **Coordination and Supervision in Distributive Education. II.** Two hours.
Methods for working with store managers for the purpose of placing students on jobs, giving them well-rounded experience, and evaluating their work are treated in this course. Attention is given to supervision of students at work by the teacher coordinator, and to the conduct of personal interviews to help students become adjusted to actual business requirements. Mr. Zeimes.

403. **Development of Instructional Materials. II.** Two hours.
Gathering and organizing instructional materials for use in distributive education classes will constitute the main part of this course. The particular problems of making the instruction supplemental to the daily needs of the student worker will be emphasized. Actual construction of a complete curriculum and teaching outlines will be included in the course. Mr. Zeimes.

404. **Evening School Distributive Education. II.** Two hours.
Selection and training of evening school instructors, planning and promoting evening school distributive education classes. Prerequisite: D. E. 401. Mr. Zeimes.

SOCIAL SCIENCE

Mr. Chapline and Staff

111. **Development of Social Institutions. I.** Three hours.
This course is designed to give the student an understanding of the processes by which our social institutions have attained their present status. Here the approach to the study of modern social problems is by learning what past generations have done to solve them. By social institutions is meant government, economic development, religion, culture, education, and human relations in general. Staff.

112. **Development of Social Institutions. II.** Three hours.
Continuation of 111. Staff.

201. **Fundamental Social Problems. I.** Three hours.
A survey of the major social problems confronting our society including crime, juvenile delinquency, race and mental illness. Basic social factors such as culture, population, and technology are studied as underlying foundations from which social problems develop. Staff.

202. **Fundamental Social Problems. II.** Three hours.
Continuation of 201. Staff.

301. **Introduction to Social Work. I, II.** Three hours.
A study of the history and development of social work with special emphasis placed on the role of the social worker in modern society. Family welfare, child welfare and guidance, delinquency, court work, medical work, group work and community social work will be discussed from the view of the prospective social worker. Mr. Chapline.

302. **Community Investigations.** Two hours.
A practical course designed to provide students with basic understandings, knowledge, and skills to promote more desirable community relations. Group dynamics, community exploration, and leadership training are emphasized. Mr. Chapline.

462. **Introduction to Methods of Research and Bibliography.** Three hours.
It is the purpose of this course to give the student some training in the science of research and bibliography. Staff.

SOCIOLOGY

Mr. Barnitz and Staff

120. **Introductory Sociology. I.** Three hours.
The concepts of culture and society. Geographic factors, economic organization and population. Social organization and institutions.

121. **Introductory Sociology. II.** Three hours.
Continuation of Soc. 120.

120N. **Sociology for Nurses. I.** Two hours.
Open only to nursing students.

240. **The Family. I.** Three hours.
A study of the background of the American family; courtship and marriage; problems of parenthood; family disorganization; effects of social change on the family; and the future of the family as an institution.

301. **Anthropology. I, II.** Three hours.
A study of human and social origins, including: human prehistory; the origin, nature and diffusion of culture; races and languages; a comparison of some of the principal cultures of the world.

310. **General Sociology. I, II.** Three hours.
Social organization and the influence of natural and demographic factors upon it; stability of culture and culture change; personality and culture. Not open to students who have earned credit in 120.

311. **General Sociology. II.** Three hours.
Continuation of Soc. 310. Not open to students who have earned credit in 121.

320. **Rural Sociology. I.** Three hours.
Characteristics of rural life; rural communities and institutions; interrelationships of rural and urban communities. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

330. **Urban Sociology. II.** Three hours.
A study of the location of villages, towns, and cities; characteristics of urban population growth; social pathology of urban life; and city planning. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

350. **Criminology. I, II.** Three hours.
The extent and social significance of crime; criminal behavior; courts and law enforcement; history and theory of punishment; prison programs; recidivism and preventive programs. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

440. **Population Problems. I.** Three hours.
Social implications of changing birth and death rates; causes of growth and decline of population; relationship of population to natural resources; immigration and its influence on cultures and standards of living. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

450. **Minority Groups. II.** Three hours.
Immigration and its relation to minority problems in the U. S. A. Determinants of prejudice. Causes and effects of discrimination. PR, Soc. 120, 121 or Soc. Sci. 201, 202.

460. **Methods of Research. I, II.** Three hours.
The standard methods of gathering and interpreting sociological data; questionnaires, surveying, interviewing; statistical methods; the life history method. Required of majors in Sociology. PR, Soc. 120, 121, and one of Soc. 320, 330, 340, 350, 440, 450.

490. **Special Problems in Sociology. I.** Hours, Arr.
Open to juniors and seniors majoring in Sociology. Reading and research on subjects suited to the student's needs.

491. **Special Problems in Sociology. II.** Hours, Arr.
Continuation of Soc. 490.

SPANISH

Miss Terry

101. **Elementary Spanish. I.** Three hours.
Grammar, pronunciation, composition, conversation, translation. No credit toward graduation is given for Spanish 101 without 102.

102. **Elementary Spanish. II.** Three hours.
PR, Spanish 101 or one year of high school Spanish.

201. **Modern Spanish. I.** Three hours.
Rapid reading, grammar and conversation. PR, Spanish 101 and 102 or two years of high school Spanish.

202. **Modern Spanish. II.** Three hours.
PR, Spanish 201.

301. **Nineteenth Century Literature to 1870. I.** Three hours.
Lectures, selected readings and reports. Conducted in Spanish.

302. **Nineteenth Century Literature. II.** Three hours.
Spanish literature from 1870. Conducted in Spanish.

327. **Advanced Conversation and Composition. I** Three hours.

340. **Spanish American Literature. I.** Three hours.
Study of Spanish American history and culture through its literature. Conducted entirely in Spanish.

421. **Literature of the Golden Age. I.** Three hours.
Cervantes and Lope de Vega. Conducted in Spanish.

422. **Literature of the Golden Age. II.** Three hours.
Calderon de la Barca, Tirso de Molino and Alarcon.

430. **Spanish Civilization and Culture. II.** Three hours.

SPEECH AND DRAMATICS

Mr. Wallman, Mr. Opp, Mr. Turley, Mr. West and Staff

101. **Fundamentals of Speech. I, II.** Two hours.
This course includes the elementary phases of oral language training. Reading aloud, short speeches, enunciation, pronunciation, parliamentary procedure. Required of Speech Majors. Staff.

105. **Voice and Diction. I, II.** Two hours.
This course includes study of drills for developing proper breath support for producing a strong, flexible, resonant voice, with exercises aimed to acquire facility in using a pleasant standard speech; stressing coordination of mind and voice. Articulation and enunciation. Required for Speech Majors.
Mr. Turley.

151. **Play Production. I, II.** Two hours.
Play production methods for the educational theatre. Stage management, scenery, and staging of plays. Mr. Wallman.

234. **Fundamentals of Radio Speech. I.** Two hours.
A familiarization course in modern studio practice, use of broadcasting and recording equipment, and preparation of programs, with some work in radio speech and announcing. PR, 105 or permission of the instructor.
Mr. Turley.

243. **Debate. I.** Two hours.
Theory and practice of argumentation and debate. Should be taken by those students desiring to participate in inter-collegiate debate. Required of Speech Majors. Mr. Opp.

244. **Intercollegiate Debating. II.** Variable credit.
Staff.

245. **Oratory. I, II.** Variable Credit.
A study of the structure, aims and principles of writing orations and the delivery of them. Mr. Opp.

251. **Acting. I, II.** Two hours.
Acting in numerous one-act plays. Mr. Wallman.

301. **Make-up. I.** One hour.
A course in the fundamentals of applying stage make-up, including laboratory and practical experience in school production. Designed for students interested in dramatic production. Mr. Wallman.

301L. **Advanced Make-up. II.** One hour.
Laboratory and practical experience. PR, Speech 301. Mr. Turley.

313. **Interpretation of Shakespeare. I.** Two hours.
A study of representative Shakespearean plays. Mr. Rhodes.

318. **Modern Drama. II.** Three hours.
The history of the British drama and the study of modern dramas—British, Continental and American. Miss Tate.

320. **Scenic Construction. I, II.** Two hours.
A laboratory course in the designing and construction of stage scenery and lighting. Staff.

330. **Radio Programming.** Two hours.
A comprehensive lecture-laboratory course covering basic techniques of radio speech, announcing, writing, and program production. Designed primarily as a summer session workshop course. PR, 4 hours Speech; 6 hours Composition, or senior ranking. Mr. Turley.

331. **Children's Theatre. II.** Two hours.
A consideration of dramatic forces suited to the elementary grades; puppetry, marionettes, choric speaking, model stage construction, etc. For students taking Curriculum B. Mr. Wallman.

334. **Radio Production. II.** Two hours.
Production of and participation in actual broadcasts. A study of the techniques used in programming, continuity writing, music cues, sound effects, and directing. PR, 4 hours of Speech or permission of instructor. Mr. Turley.

334L. **Radio Production. I, II.** One hour.
Continuation of 334 with extensive studio practice. Mr. Turley.

336. **Play Directing. I, II.** Two hours.
Selection of plays suitable to high school presentation, interpretation and directing problems. Required of Speech Majors. Mr. Wallman.

336L. **Play Directing.** (Laboratory.) **I.** One hour.
Direction and presentation of a one act play. Required of Speech Majors. PR, Speech 336. Mr. Wallman.

337. **Effective Speaking. I, II.** Two hours.
This course is designed to give students training in the art of preparing and delivering public speeches. Required of Speech Majors. Mr. Wallman.

352. **Theatre Workshop. I, II.** One hour.
Actual laboraory work on the various collegiate dramatic presentations. Scenery design and construction, lighting, properties, costuming, etc. PR, Speech 151 or permission of instructor. Mr. Wallman.

352L. **Theatre Workshop. II.** One hour.
Continuation of Speech 352. Mr. Wallman.

400. **Radio Continuity Writing. I.** Two hours.
The study and practice of all forms of non-dramatic radio writing, including music program continuity, talks, programs, audience participation programs, sports features, and commercial continuity. The course is intended to develop effective communication by means of expository, narrative, and persuasive writing for radio presentation. PR, Eng. 102, 104, 302 or 304; Speech 234 or 330. Mr. Turley.

401. **Extemporaneous Speaking. II.** One hour.
This course is designed to give students training for intercollegiate competition in this field. Mr. West.

421. **Poetry Interpretation. II.** Three hours.
Oral interpretation of poetry with some practice in choric speech. Mr. Rhodes.

430. **Speech Correction. I.** Two hours.
Study and recognition of speech defects. Exercises for correction and treatment of minor defects. Required of Speech Majors. Mr. Turley.

ZOOLOGY

Mr. Hunt, Mr. Davisson and Staff

103. **General Zoology. II.** Four hours.

110N. **Intro. to Human Anatomy and Physiology. I.** Four hours.
Open to nurses only. Mr. Hunt.

315. **Field Zoology. Summer.** Three hours.
Primarily for those who teach or intend or teach biology. This course aims to familiarize students with the animal life of the state in its natural

surroundings and includes the collection, identification, and study of habits of the various forms found in this region. PR, Biol. 101-102, or equivalent. Mr. Davisson.

320. **Invertebrate Zoology. I.** Four hours. Mr. Hunt.

321. **Vertebrate Zoology. II.** Four hours. Mr. Hunt.

322. **Ornithology. II.** Two hours.
Field and laboratory studies on the structure, identification, migration, protection, nesting, and food habits of birds. Mr. Davisson.

330. **Conservation of Wildlife Resources.** Two hours. Mr. Hunt.

350. **Comparative Anatomy of Vertebrates. II.** Four hours. Mr. Hunt.

410. **Histological Technique. II.** One-four hours.
Preparation of animal tissues for microscopic study. Mr. Hunt.

411. **Histology. II.** Two-three hours.
Study of animal tissues. Mr. Hunt.

415. **Problems in Zoology.** Summer. One-four hours. Mr. Hunt.

450. **Human Physiology.** Four hours. Mr. Hunt.

SPECIAL SERVICES

THE SUMMER SESSION

Fairmont State College offers a twelve week summer session each summer. This session is made up of two terms of six weeks each. The dates for the 1951 session cover the period from June 4 to August 24. The first term will open on June 4 and close on July 13; the second term will begin on July 16 and close on August 24. Independence Day will be observed as a holiday. The dates for the 1952 session cover the period from June 4 through August 26.

The requirements for admission and the character of the work offered are the same for the summer session as for the regular year. Credit may be earned in all departments toward the bachelor's degree or toward any of the special certificates authorized by the State of West Virginia. Courses are varied from summer to summer so that students may find suitable work with which they can build up their earned credit toward a degree or certification. For information relative to summer session fees see page 22 above.

The Fairmont State College Laboratory School will be in operation during the first six weeks for elementary school observation and practice teaching, and during twelve weeks for secondary school activities of a similar character.

All activities and facilities of the campus are available to students during the summer session. The student body is organized under its own leadership at the beginning of each session. Under these leaders, and certain members of the faculty, a general program of social, recreational, and dramatic events is scheduled.

Fairmont State College always sponsors a number of special features in connection with each summer session. Announcements of such features will be made from time to time by means of press releases, radio announcements and special information sheets.

Special bulletins for the summer session are prepared for distribution. If interested in working toward any particular teaching certificate or degree, or in renewal of certificates, or in pre-professional courses, or in refresher courses, write for the Summer Bulletin. Address, Registrar, Fairmont State College. Fairmont, W. Va.

EVENING CLASSES

Evening classes are operated for the benefit of teachers and other persons whose employment makes impossible attendance in regular day classes. Classes are ordinarily held on Wednesday evening during the hours from 6:00 to 10:00 although classes may be held at such other times as the group involved and the instructor may agree upon. These classes are considered as work done in residence.

Classes will usually be offered in any subject or subjects in which there is sufficient demand as indicated by the registration of six or more students, although the Administration reserves the right not to provide such instruction when it may be impossible to make adequate teaching staff arrangements.

In accordance with regulations of the State Board of Education, teachers under contract are limited to a total of eight semester hours of credit during the period of employment each year with a maximum of four credit hours per semester. Such a total hour limit makes possible enrollment in two two-hour classes, and in one three-hour class with a fourth possible hour to be obtained by enrolling in one of several tutorial courses offered by the college.

TUTORIAL COURSES

Tutorial courses are courses coming under the "to be arranged" heading, that is, the work of the course is carried on through a series of student-instructor conferences. Regulations adopted by the Faculty of Fairmont State College governing the administration of tutorial courses provide: (1) that not more than 6 hours of the 128 hours required for graduation may be earned in courses of this character; (2) that not more than two semester hours of such credit may be earned in any one semester or term; (3) that the only students eligible to take such courses are those with 64 or more hours of earned credit and a scholastic standing of 1.5, or better. The enforcement of these regulations is in the hands of the several student advisers. The following courses are offered as tutorial courses at this time:

Psychology 430
Economics 406
Education 431, 460
History 460
Political Science 301
Sociology 490, 491

EXTENSION CLASSES

Upon request, and when it is possible to detach regular faculty members for this service, Fairmont State College will offer off the campus courses to interested groups in the general area of the state it serves. Ordinarily, an enrollment of ten or more persons is necessary before any such courses can be offered in this way.

The work given in extension courses corresponds, as to class requirements, with that given in similar courses on the campus. The credit, however, is recorded as extension credit, and not more than 30 hours of such credit may be included in any student's 128 hour requirement for graduation.

VETERANS SERVICES

Fairmont State College stands ready to assist veterans in every possible way. This assistance include:

1. The maintenance of the Office of Veteran's Coordinator for centralizing all matters pertaining to veterans' relations with the Veterans Administration on the one hand and college authorities on the other.

2. Admission, under certain conditions, as special students, of those veterans who have not completed high school.

3. Facilities for giving the "General Educational Development Tests" as a means for obtaining advanced standing.

4. Allowance of a maximum of 8 semester hours of credit in physical education to those veterans presenting evidence of the completion of the basic training courses in the Armed Forces.

5. Acceptance of correspondence work done with fully accredited institutions of higher education cooperating with the Armed Forces Institute for the amount of credit allowed by the institution with which the credit was earned.

6. Cooperation with the regular policy of the American Council on Education in determining and allowing credit for training received in offices or special technical schools, or in the Army Specialized and the Navy College Training Programs.

NURSING EDUCATION

Fairmont State College, in cooperation with the Fairmont General Hospital, offers a full and complete training course for nurses. Students enroll in the Fairmont General Hospital School of Nursing, but do 17 semester hours of basic courses in Fairmont State College.

This arrangement provides a nursing education which is approved by the American College of Surgeons, American Medical Association, and the West Virginia State Board of Examiners for Registered Nurses.

Graduates of a nurses' training school have the following fields open to them: Army and Navy nursing; civilian hospital nursing as staff nurses, supervisors, instructors, superintendents, and administrators; veteran nursing, industrial nursing; public health nursing; health relief and rehabilitation at home and abroad; child health and guidance; occupational therapy; anesthesia; clinical laboratory; X-Ray laboratory.

The courses for nurses offered by Fairmont State College under this co-operative program, in the first semester, are as follows: Chemistry (3); Anatomy and Physiology (4); Microbiology (3); Nutrition (3); Sociology (2); Psychology (2).

GRADUATES

August, 1949; January, 1950; May, 1950

BACHELOR OF ARTS DEGREE

Name	Address	County
Adams, Audie Ray	Rt. 1, Lumberport, W. Va.	Harrison
Amos, Elizabeth C.	614 Fairmont Ave., Fairmont, W. Va.	Marion
Andrick, Louise Marguerite	412 Hood Ave., Shinnston, W. Va.	Harrison
Burner, Jean Selby	239 Watson Ave., Fairmont, W. Va.	Marion
Fondaw, Ann	1603 Edgeway Drive, Fairmont, W. Va.	Marion
Gladwell, James Scott	411 Locust Ave., Fairmont, W. Va.	Marion
Hale, James Edward	Farms Court Apt., Fairmont, W. Va.	Marion
Hale, Ruth Elizabeth	707 Benoni Ave., Fairmont, W. Va.	Marion
Higgs, Geraldine Rae	910 East Park Ave., Fairmont, W. Va.	Marion
Mann, Lacy Andrew	Box 247, Thomas, W. Va.	Tucker
Maple, Betty Lou	Farmington, West Virginia	Marion
Mazza, Paul Anthony	57 Hanover St., Clarksburg, W. Va.	Harrison
McClosky, James M.	626 Jones Ave., Morgantown, W. Va.	Monongalia
McCoy, Mary F.	Flatwoods, W. Va.	Braxton
Miller, Ray Lawrence	707 State St., Fairmont, W. Va.	Marion
Rex, Donald Ray	5 White Oak Ave., Fairmont, W. Va.	Marion
Savereno, O. Lundex	Box 86, Carolina, W. Va.	Marion
Sloan, David Samuel	Worthington, W. Va.	Marion
Steele, Frederic Robert	93 Jacob St., Fairmont, W. Va.	Marion
Stidger, Dudley	302 Walnut Ave., Fairmont, W. Va.	Marion
Teti, Pierino A.	929 Bellefonte, McKeesport, Penna.	
Watkins, G. E.	624 Vermont Ave., Fairmont, W. Va.	Marion
Wood, Owen Jack	Rt. 4, Box 127, Fairmont, W. Va.	Marion
Wright, Howard Eugene	Lumberport, W. Va.	Harrison

BACHELOR OF SCIENCE DEGREE

Adducchio, John Joseph	Rt. 1, Fairmont, W. Va.	Marion
Arbogast, James Edwin	822 Maryland Ave., Fairmont, W. Va.	Marion
Azelvandre, John R.	Rt. 1, Lost Creek, W. Va.	Harrison
Bartlett, Paul	2022 Goff Ave., Clarksburg, W. Va.	Harrison
Beale, Kenneth Neil	809 Ridgley Ave., Fairmont, W. Va.	Marion
Bozendorf, Julius	Grant Town, W. Va.	Marion
Burnett, Robert E.	1418 Bison St., Fairmont, W. Va.	Marion
Carpenter, Harold Letcher	1103 Delaware Ave., Fairmont, W. Va.	Marion
Cheuvront, Joseph R.	241 E. Main St., Bridgeport, W. Va.	Harrison
Claybour, Rose Marie	615 View Ave., Fairmont, W. Va.	Marion
Cooper, Robert E.	Apt. 7a, Barracks, F.S.C., Fairmont, W.Va.	Marion
Corley, Henry R., Jr.	Apt. 7, Barracks, F.S.C., Fairmont, W.Va.	Marion
Crone, Elmer W.	Box 38, Fairview, W. Va.	Marion
Davis, Stratton L.	615 Locust Ave., Fairmont, W. Va.	Marion
Davis, Thomas F.	R.F.D. 4, Box 339, Fairmont, W. Va.	Marion
Ditz, Edward L., Jr.	1011 Maplewood Ave., Ambridge, Penna.	
Dodrill, Earl Junior	Rt. 2, Box 264, Fairmont, W. Va.	Marion
Downey, Vernon B.	Box 1754, East Side P.O., Fairmont, W.Va.	Marion
Epperly, Sarah Leona	432½ Walnut Ave., Fairmont, W. Va.	Marion
Frey, Frances Louise	259 Long Beach Rd., Island Park, N. Y.	
Garner, Dwight E.	Rt. 3, Mannington, W. Va.	Marion
Graham, Paul Embrey	25 W. St. Charles St., Grafton, W. Va.	Taylor
Grove, Benjamin D.	1114 Lake Ave., Fairmont, W. Va.	Marion
Hafer, Joseph Leo	P. O. Box 105, Mannington, W. Va.	Marion

Name	Address	County
Hawkins, Richard James	604 Euclid St., Fairmont, W. Va.	Marion
Hixenbaugh, Robert Lemmon	Hundred, W. Va.	Wetzel
Janes, Samuel Edmond, Jr.	1276 Fennimore St., Fairmont, W. Va.	Marion
Latstetter, Thomas E.	824 Field St., Fairmont, W. Va.	Marion
Layman, Bazil Offner	114 High St., Fairmont, W. Va.	Marion
Leaf, Emily Ann	705 East Park Ave., Fairmont, W. Va.	Marion
Lesondak, Joseph T.	552 Stephen St., Ambridge, Penna.	
Louden, Donald Conkling	812 Maryland Ave., Fairmont, W. Va.	Marion
Louden, Thomas L.	812 Maryland Ave., Fairmont, W. Va.	Marion
Lucas, Richard Jack	841 Virginia Ave., Fairmont, W. Va.	Marion
Maranville, Jack Lewis	55 JoHarry Drive, Fairmont, W. Va.	Marion
McIntire, Hugh J.	Rt. 1, Hammond, W. Va.	Marion
Marra, Russell Anthony	639 Spring St., Fairmont, W. Va.	Marion
Moats, Dolores Jane	1026 Fennimore St., Fairmont, W. Va.	Marion
Morris, Leahue L.	Rt. 3, Fairmont, W. Va.	Marion
Musser, Doris Jean	Forest Hill, Fairmont, W. Va.	Marion
Nagle, Raymond Griffith	Rowlesburg, W. Va.	Preston
Nichols, Don Odell	221 Monroe St., Fairmont, W. Va.	Marion
Nicholson, Darline	Box 163, Barrackville, W. Va.	Marion
Nussear, John G.	762 Owens Ave., Fairmont, W. Va.	Marion
Powell, William	223 Burt St., Mannington, W. Va.	Marion
Price, Ervin B.	Box 122, Fairview, W. Va.	Marion
Radebaugh, Mary Ellen	505 East Part Ave., Fairmont, W. Va.	Marion
Ridgely, George Richard	409 Locust Ave., Fairmont, W. Va.	Marion
Robinson, Edgar L.	211 Johnson Ave., Bridgeport, W. Va.	Harrison
Ruggiero, John, Jr.	788 Cleveland Ave., Fairmont, W. Va.	Marion
Shaw, Patricia Ann	612 Fifth St., Fairmont, W. Va.	Marion
Shroyer, Lawrence R.	Murray Ave., Fairmont, W. Va.	Marion
Simpson, Mary Kathryn	1335 Speedway, Fairmont, W. Va.	Marion
Smith, James Clark	423 State St., Fairmont, W. Va.	Marion
Spero, Melvin M.	1124 Winterton St., Pittsburgh, Pa.	
Springer, Richard D.	213 Guffey St., Fairmont, W. Va.	Marion
Stidger, George Hugh	Apt. 8c, Barracks, F.S.C., Fairmont, W. Va.	Marion
Strickland, Ted John	Box 117, Lowell, Ohio	
Talkington, Roy Eugene	Farmington, W. Va.	Marion
Toothman, Lawrence R.	Whetstone Rd., Rt. 4, Mannington, W. Va.	Marion
Viglianco, Philip Andy	617 Locust Ave., Fairmont, W. Va.	Marion
Wadsworth, Robert S.	Watson, W. Va.	Marion
Watson, Marvin J.	1615 Speedway, Fairmont, W. Va.	Marion
Wroe, Margaret Linne	610 Morgantown Ave., Fairmont, W. Va.	Marion
Yoho, Foster E., Jr.	635 Drummond St., Clarksburg, W. Va.	Harrison

BACHELOR OF ARTS IN EDUCATION DEGREE

Alberico, John Carmen	414 Columbia St., Fairmont, W. Va.	Marion
Argiro, Julia	Rt. 1, Fairmont, W. Va.	Marion
Ashcraft, Alverda K.	414 Hood Ave., Shinnston, W. Va.	Harrison
Austin, Thomas W.	Rt. 2, Fairmont, W. Va.	Marion
Ayers, James Lee	414 Jefferson St., Fairmont, W. Va.	Marion
Baker, Stephen Alfred	Box 36, Rachel, W. Va.	Marion
Barr, William Eugene	Winfield Ave., Rt. 16, Fairmont, W. Va.	Marion
Bartlett, Paul	2022 Goff Ave., Clarksburg, W. Va.	Harrison
Bauman, Fred Roy	Paden City, W. Va.	Wetzel
Beck, Joseph	1011 Knox Ave., Monessen, Penna.	
Becker, Frieda Cade	35 Second St., Piedmont, W. Va.	Mineral
Blair, Jean	45 Peacock Lane, Fairmont, W. Va.	Marion
Blamble, Ruth Genevieve	514 Pleasant Ave., Vienna, W. Va.	Wood
Blosser, William Allen	807½ Virginia Ave., Fairmont, W. Va.	Marion
Bolyard, Lester Willis	Reedsville, W. Va.	Preston
Boyles, George Joseph	Rt. 5, Fairmont, W. Va.	Marion

Name	Address	County
Bozendorf, Julius	Grant Town, W. Va.	Marion
Bruce, Kenneth	502 Schoon Ave., Monessen, Penna.	
Buchanan, Richard Basil	3540 Buchanan Way, Weirton, W. Va.	Hancock
Bucklew, Ruth Grose	Box 193, Arthurdale, W. Va.	Preston
Cain, Harley S., Jr.	Rt. 1, Mannington, W. Va.	Marion
Cale, James Raymond	533 Gaston Ave., Fairmont, W. Va.	Marion
Calhoun, Charles O'Brien	513 Patterson Ave., Cumberland, Md.	
Campbell, William Edward	207 Worley Ave., Clarksburg, W. Va.	Harrison
Caniff, Edward Joseph	Box 426, Follansbee, W. Va.	Brooke
Cordray, Martha Ruth	107 Jones Ave., Morgantown, W. Va.	Monongalia
Cobun, John Marshall	166 Main St., Kingwood, W. Va.	Preston
Cochran, William Albert	210 Gaston Ave., Fairmont, W. Va.	Marion
Comko, Charles	533 Delaware Ave., Monessen, Penna.	
Coulter, Mary Nell	Pine Grove, W. Va.	Wetzel
Cumberledge, Harold B.	Wadestown, W. Va.	Monongalia
Debato, Rosie	1014 Gaston Ave., Fairmont, W. Va.	Marion
Daugherty, Mary Ellen	Box 2011, Morgantown, W. Va.	Monongalia
Davis, Harry Frank	615 Locust Ave.. Fairmont, W. Va.	Marion
Davis, Walter Evan	711 Washington St., Cumberland, Md.	
Dean, Lou Ann	512 Mt. Vernon Ave., Fairmont, W. Va.	Marion
Del Rosso, Lawrence	1000 Knox Ave., Monessen, Penna.	
Dilettoso, James J.	Thomas, W. Va.	Tucker
Dodrill, Earl Junior	Rt. 2, Box 264, Fairmont, W. Va.	Marion
Donahue, James Paul	102 Virginia Ave., Cumberland, Md.	
Downey, Vernon B.	Box 1754, East Side P. O., Fairmont, W. Va.	Marion
Downey, Walter Rex, Jr.	612½ Benoni Ave., Fairmont, W. Va.	Marion
Drainer, George, Jr.	309 Gaston Ave., Fairmont, W. Va.	Marion
Elia, Louis Carmen	300 Robinson St., Fairmont, W. Va.	Marion
Eliason, Howard Smith	1 Vance Lane, Morgantown, W. Va.	Monongalia
Faux, Lillian Ann	152 Sheldon Ave., Morgantown, W. Va.	Monongalia
Feaster, Irene Ruth	Maysville, W. Va.	Grant
Findley, Joann Lou	Rt. 5, Box 142, Fairmont, W. Va.	Marion
Fox, Charles William, Jr.	Fairmont St. College, Fairmont, W. Va.	Marion
Fox, Virginia Lee	258 Main St., Worthington, W. Va.	Marion
French, Robert O.	Box 43, Colfax, W. Va.	Marion
Frey, Frances Louise	259 Long Beach Rd., Island Park, N. Y.	
Fridley, Mary Hardin	Philippi, W. Va.	Barbour
Friend, Ethel Fike	Brandonville, W. Va.	Preston
Funk, Arthur Rodney	Rt. 1, Box 58, Rowlesburg, W. Va.	Preston
Gidel, Mary Ann	515 Mt. Vernon Ave., Fairmont, W. Va.	Marion
Gladwell, James Scott	411 Locust Ave., Fairmont, W. Va.	Marion
Glover, Virginia Grace	Barrackville, W. Va.	Marion
Goldman, Matthew C.	916 Maplewood Ave., Ambridge, Penna.	
Goode, Jemima Hayhurst	Homewood Addn., Fairmont, W. Va.	Marion
Goodwin, Rena S.	312 Warder Ave., Grafton, W. Va.	Taylor
Grimes, James E.	212 Indiana Ave., Chester, W. Va.	Hancock
Guffa, Emil	413 Forrest St., Monessen, Penna.	
Hall, Robert B.	3704 Collins Way, Weirton, W. Va.	Hancock
Hamilton, Sarah K.	Hillcrest, Fairmont, W. Va.	Marion
Hancock, Harriet May	Hillcrest, Fairmont, W. Va.	Marion
Hansen, Robert N.	202 Columbia Hgts., Brooklyn, N. Y.	
Harden, Robert E., Jr.	Rivesville, W. Va.	Marion
Hartman, Wilfred Harold	Hopemont, W. Va.	Preston
Haugh, Dorothy Horton	709½ Locust Ave., Fairmont, W. Va.	Marion
Haugh, James Lucian	709½ Locust Ave., Fairmont, W. Va.	Marion
Haught, Alma Beatrice	Rachel, W. Va.	Marion
Haught, Carol Joan	Hillcrest, Fairmont, W. Va.	Marion
Hawkins, Richard James	604 Euclid St., Fairmont, W. Va.	Marion

Hayes, Freda M.	Rt. 2, Box 211, Clarksburg, W. Va.	Harrison
Haymond, Janis Carol	17 Marshall St., Mannington, W. Va.	Marion
Headlee, Hazel Elizabeth	Reader, W. Va.	Wetzel
Heckert, Constance	463 W. Main St., Spencer, W. Va.	Roane
Hedrick, Margaret Shreve	817 Virginia Ave., Fairmont, W. Va.	Marion
Hedrick, Raymond	817 Virginia Ave., Fairmont, W. Va.	Marion
Henry, Patricia Ann	222 Park Blvd., Clarksburg, W. Va.	Harrison
Herron, Charles W.	Rt. 1, Watson, W. Va.	Marion
Herron, Mary Frances	Rt. 1, Watson, W. Va.	Marion
Higgs, Geraldine Rae	910 East Park Ave., Fairmont, W. Va.	Marion
Hodges, Rose Marie	905 7th St., Fairmont, W. Va.	Marion
Holmes, Hester Grose	Box 154, Reedsville, W. Va.	Preston
House, Clifford R. III	Hillcrest, Fairmont, W. Va.	Marion
Hunt, Bryce	Box 188, Littleton, W. Va.	Wetzel
Ingram, Martha Carpenter	Pleasant Valley Rd., Fairmont, W. Va.	Marion
Ingram, Ralph Browne	Pleasant Valley Rd., Fairmont, W. Va.	Marion
Johnson, Francis A.	Montana Mines, W. Va.	Marion
Johnson, Herman Gordon III	611 Talbott Court, Fairmont, W. Va.	Marion
Johnston, Robert L.	818 Field St., Fairmont, W. Va.	Marion
Jordan, Argel E.	504 Benoni Ave., Fairmont, W. Va.	Marion
Keener, Earl R.	529 Walnut Ave., Fairmont, W. Va.	Marion
Kellinger, Simon J.	1158 Church St., Ambridge, Penna.	
Lee, Walter D.	627 Shriver Ave., Cumberland, Md.	
Leonard, Loy W.	Box 605, Enterprise, W. Va.	Harrison
Lewis, John W.	415 20th St., Tyrone, Penna.	
Loudin, Charles G.	Box 121, Grant Town, W. Va.	Marion
Lucas, Virginia Cobun	327 Watts St., Morgantown, W. Va.	Monongalia
McClure, Beryle Blanche	Rt. 3, Box 425, Morgantown, W. Va.	Monongalia
McConnell, Jack P.	206 Locust St., Mannington, W. Va.	Marion
McConnell, Mildred Thompson	1014 Ridgley Ave., Fairmont, W. Va.	Marion
McCord, Edith Mae	No. 4, David St., Brownsville, Penna.	
McDevitt, John S.	532 Grant St., Newell, W. Va.	Hancock
McDowell, Elva Elsey	206 Bradford St., Charleston, W. Va.	Kanawha
McHenry, Nelle Murphy	Shinnston, W. Va.	Harrison
McMurray, Josephine Hartleib	315 Locust St., Mannington, W. Va.	Marion
McQuain, Richard Lewis	Belington, W. Va.	Barbour
Maier, Agnes W.	Rowlesburg, W. Va.	Preston
Male, Anthony	Lumberport, W. Va.	Harrison
Maple, Hazel Whitlatch	Farmington, W. Va.	Marion
Meale, Felix Anthony	508 Penna. Ave., Fairmont, W. Va.	Marion
Michaelson, Lillian Belle	616 Rebecca St., Fairmont, W. Va.	Marion
Michna, Sister Mary Rose	142 Maple Ave., Monongah, W. Va.	Marion
Miller, Reed Odell	Endicott, W. Va.	Wetzel
Moore, Oakey Willis	Fairview, W. Va.	Marion
Moore, Robert Wayne	Rt. 3, Fairview, W. Va.	Marion
Moroose, Genevieve Morris	811 Cleveland Ave., Fairmont, W. Va.	Marion
Morris, Betty Jane	Enterprise, W. Va.	Harrison
Mosser, Leonard Alvin	Jefferson St., Newell, W. Va.	Hancock
Myers, Wilson Leburn	1029 Virginia Ave., Fairmont, W. Va.	Marion
Newcome, Thomas Blaine	821½ Coleman Ave., Fairmont, W. Va.	Marion
Nicola, Cecil H.	Grafton, W. Va.	Taylor
Nixon, Ethel Clayton	828 Gypsy Court, Fairmont, W. Va.	Marion
Nutter, Mary Sturm	1045 E. Pike St., Shinnston, W. Va.	Harrison
Oates, Maude Trezise	Gormania, W. Va.	Grant
O'Dea, Genevieve	Littleton, W. Va.	Wetzel
Oldham, Roy E.	Fairmont St. College, Fairmont, W. Va.	Marion
O'Neil, Rexford E.	1906 Center, Moundsville, W. Va.	Marshall
Parson, Charles W.	608 S. 9th St., Cambridge, Ohio	
Parsons, Mildred Elsie	147 Main St., Rivesville, W. Va.	Marion
Pentony, Helen	Aurora, W. Va.	Preston
Phillips, Charles Richard	229 W. Wilford St., Grafton, W. Va.	Taylor
Pitts, Barbara Lauzau	Bridgeport, W. Va.	Harrison

Poling, Baxter Leon	Philippi, W. Va.	Barbour
Poling, Clarence E.	Rt. 2, Philippi, W. Va.	Barbour
Prickett, Carl F., Jr.	Barrackville, W. Va.	Marion
Prunty, Donald R.	Barrackville, W. Va.	Marion
Reese, Elizabeth Joan	620 Fairmont Ave., Fairmont, W. Va.	Marion
Reed, Willa Jean	Jordan, W. Va.	Marion
Reppard, Margaret Kilcoyne	Smithfield, W. Va.	Wetzel
Rhodes, Nelle	517 Madison St., Fairmont, W. Va.	Marion
Richardson, Jessie Stewart	Rivesville, W. Va.	Marion
Ringer, Albert R.	Hazelton, W. Va.	Preston
Roberty, Alfonso Antonio	116 Buffalo St., Mannington, W. Va.	Marion
Roberty, Erminio Mike	116-118 Buffalo St., Mannington, W. Va.	Marion
Robinson, Robert Junior	Box 355, Farmington, W. Va.	Marion
Rodgers, Dora Lowe	Box 117, Fairview, W. Va.	Marion
Rowe, Don Lee	505 W. Francis St., Grafton, W. Va.	Taylor
Sagath, Stanley	Box 195, Enterprise, W. Va.	Harrison
Satterfield, Mildred Henderson	800 East Grafton Rd., Fairmont, W. Va.	Marion
Shanks, Sue Kennedy	Rt. 1, Core, W. Va.	Monongalia
Showacre, William Millea	1005 Alexander Pl., Fairmont, W. Va.	Marion
Sickler, William McNelis	315 Washington Ave., Tyrone, Penna.	
Sikora, Ethel Margaret	128 Bon View Ave., Fairmont, W. Va.	Marion
Simms, Ada E.	Hundred, W. Va.	Wetzel
Simoni, Henry R.	4101 Broadhead Rd., Sunset Hills, Aliquippa, Pa.	
Smith, Alma Mae	Box 273, Barrackville, W. Va.	Marion
Smith, Everett Emmil	Rt. 1, Catawba, W. Va.	Marion
Snyder, Vera May	Pine Grove, W. Va.	Wetzel
Spadafore, Lawrence	321 Water St., Shinnston, W. Va.	Harrison
Sperow, Elizabeth Jane	329½ Porter Ave., Martinsburg, W.Va.	Berkeley
Spring, Genevieve	Tunnelton, W. Va.	Preston
Squires, Betty Lee	501 Ohio Ave., Fairmont, W. Va.	Marion
Stemple, Elizabeth	119 Center St., Keyser, W. Va.	Mineral
Stewart, James Arden	Sutton, W. Va.	Braxton
Stickler, Ruby Ball	Box 121, Rt. 2, Fairmont, W. Va.	Marion
Stout, Oliver J.	776 W. Pike St., Clarksburg, W. Va.	Harrison
Summers, Doris E.	325 Brown St., Fairmont, W. Va.	Marion
Tacy, Glenna Maxine	Huttonsville, W. Va.	Randolph
Talkington, Roy Eugene	Farmington, W. Va.	Marion
Teti, Pierino A.	929 Bellefonte, McKeesport, Penna.	
Toothman, William C.	210 Dearborn St., Fairmont, W. Va.	Marion
Trickett, Pauline Eleanor	487 High St., Morgantown, W. Va.	Monongalia
Tutalo, Silvio	112 Taft St., Fairmont, W. Va.	Marion
Vacca, Daniel A.	126 Park Road, Ambridge, Penna.	
Vincent, Arthur	1700 Morgantown Ave., Fairmont, W.Va.	Marion
Wadsworth, Robert S.	Rt. 1, Watson, W. Va.	Marion
Weaver, Lavinia Bowman	Rivesville, W. Va.	Marion
Weaver, Manford B.	Arthurdale, W. Va.	Preston
West, John Clark	332 Blaine St., Fairmont, W. Va.	Marion
White, Murray F.	Bayard, W. Va.	Grant
Wilhelm, Lillie Belle	504 Locust Ave., Fairmont, W. Va.	Marion
Williams, Donald Arthur	Rt. 1, Box 90, Kasson, W. Va.	Barbour
Wilsner, Hazel Straight	619 West 7th St., Long Beach, Calif.	
Wilson, Amelia Ellen	Rt. 2, Oakland, Md.	
Wilson, Huey L.	Rt. 2, Fairview, W. Va.	Marion
Woodward, Hugh K.	Newburg, W. Va.	Preston
Wright, Harry Leland	Box 200, Glen Easton, W. Va.	Marshall
Wright, Howard Eugene	Lumberport, W. Va.	Harrison
Yoho, Arlene Rosser	213 Beech St., Grafton, W. Va.	Taylor
Yoho, Jack Harlan	327 Locust St., Mannington, W. Va.	Marion
Yoho, Samuel M., Jr.	327 Locust St., Mannington, W. Va.	Marion
Zirkle, Edward	510½ Reed Court, Fairmont, W. Va.	Marion

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FAIRMONT STATE COLLEGE

Fairmont, West Virginia

APPLICATION FOR ADMISSION

Applicants for admission to Fairmont State College are requested to fill in this application and return it to the Director of Admissions at least fifteen days prior to the opening of the semester for which they wish to enroll.

A transcript of high school credits, for incoming freshmen, and a transcript of college work, for upper classmen, should be sent by the institution in which the credit was earned to the Director of Admissions.

Name of Applicant _____ Race _____
Last First Middle

Home Address _____
Street City State

Date of birth _____ Place of birth _____

Name and address of Parent _____

High School attended _____ Location _____

Date of high school graduation _____ Units of credit _____

Name of college attended, if any _____

Dates of college attendance _____ Semester Hours of credit _____

Why did you withdraw from that college _____

When do you wish to enroll in Fairmont State College? _____

Are you registering under the G. I. Bill of Rights? _____

In what department or for what courses do you wish to enroll? _____

DATE DUE

